



PHASE I COMPLETION REPORT

Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

Prepared for:

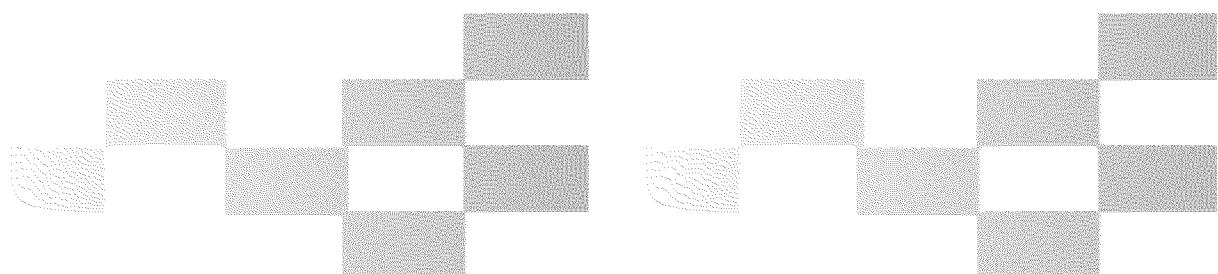
Pechiney Cast Plate, Inc.

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June 6, 2014

Project No. 0106270030





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3200 Fruitland Avenue
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This report was prepared by the staff of AMEC Environment & Infrastructure, Inc. under the supervision of the Engineer and Geologist whose signatures appear hereon.

The findings, recommendations, specifications, or professional opinions are presented within the limits described by the client, in accordance with generally accepted professional engineering and geologic practice. No warranty is expressed or implied.

A handwritten signature in black ink, appearing to read "Linda Conlan".

Linda Conlan, PG
Principal Geologist

A handwritten signature in black ink, appearing to read "Calvin Hardcastle".

Calvin Hardcastle, PE
Principal Engineer

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ACRONYMS

ACM	Asbestos containing materials
AIS	American Integrated Services, Inc.
AMEC	AMEC Environment & Infrastructure, Inc.
Aurora	Aurora Industrial Hygiene, Inc.
DTSC	California Department of Toxic Substances Control
FS	Feasibility Study (AMEC, 2012a)
mg/kg	milligrams per kilogram
NORM	Natural Occurring Radioactive Material
$\mu\text{g}/100 \text{ cm}^2$	micrograms per 100 centimeters squared
MSL	mean sea elevation
OSI	Occupational Services, Inc.
Pechiney	Pechiney Cast Plate, Inc.
PCBs	polychlorinated biphenyls
Plan	Revised Below Grade Demolition Plan (AMEC, 2012d)
RAO	remedial action objective
RAP	Remedial Action Plan (AMEC, 2012c)
Report	Phase I Area Completion Report
Rio Tinto	Rio Tinto, AUM
SAP	Sampling and Analysis Plan (AMEC, 2010)
site	Former Pechiney Cast Plate, Inc. Facility, located at 3200 Fruitland Avenue, Vernon, California
SVE	soil vapor extraction
TPH	Total petroleum hydrocarbons
TSCA	Toxic Substances Control Act
US EPA	United States Environmental Protection Agency, Region IX
VOC	volatile organic compound

PHASE I AREA COMPLETION REPORT

Former Pechiney Cast Plate, Inc. Facility
Vernon, California

1.0 INTRODUCTION AND BACKGROUND

On behalf of Pechiney Cast Plate, Inc. (Pechiney), AMEC Environment & Infrastructure, Inc. (AMEC), prepared this report (Report) to document the completion of the below grade demolition and soil removal work for the Phase I Area of the former Pechiney Cast Plate, Inc. (Pechiney) Facility, located at 3200 Fruitland Avenue, in Vernon, California (site; Figure 1). This Report documents response actions taken by the former Pechiney facility to perform below grade demolition of the facility and to conduct soil removal actions outlined in the Remedial Action Plan (RAP; 2012c). These actions, including verification sampling and analysis procedures, waste removal and off-site disposal, were conducted as stated herein this Report and in conformity with the Revised Below Grade Demolition Plan (Plan) prepared by AMEC (AMEC 2012d) and approved by the City of Vernon Community Services and the RAP prepared by AMEC and approved by the California Department of Toxic Substances Control (DTSC) and the polychlorinated biphenyl (PCB) elements conditionally approved by United States Environmental Protection Agency, Region IX (US EPA).

In order to expedite the review process for this project, the site has been divided into three areas, and three completion reports, one for each area, which will be submitted to the DTSC, the US EPA, and the City of Vernon Community Services, with the completion report for the Phase I Area first. Completion reports for the Phase II Area and the Phase III/IV/V Area will be submitted after structure and soil removals in these areas are completed.

A Feasibility Study (FS; AMEC, 2012a) was prepared on behalf of Pechiney to evaluate potential remedial technologies and provide recommendations for the proposed, preferred remedy for impacted soil and soil vapor in the vadose zone and impacted concrete at the site. Based on the FS, a RAP (AMEC 2012c) was prepared to provide the details and procedures to be used for remediating PCB-impacted concrete during demolition of below-grade features present at the site and remediating impacted soil during below-grade demolition. The RAP was approved by DTSC on June 28, 2012, and pursuant to the Toxic Substances Control Act (TSCA), the PCB elements of the RAP were conditionally approved by US EPA in July 2010 and 2012.

The soil removal work in the Phase I Area (Figure 2) was conducted as described in the approved RAP. The RAP included a summary of the site background; site history; regional, local, and site geology and hydrogeology; results of previous investigations and constituents of

potential concern; results of a soil screening evaluation; remedial action objectives (RAOs); criteria used to establish these objectives; site-specific risk-based remediation goals for soil; and scope of the remedial action; and protocols for verification sampling to be conducted after completing demolition and remedial activities.

A Plan (AMEC 2012d) was submitted to the City of Vernon Community Services on November 30, 2011 and implementation of the Plan was approved by Community Services with the issuance of the permits for the below grade demolition work (permit # B00-088-125) and site grading (permit # B00-088-126) on October 22, 2012 (re-issued August 22, 2013) and November 5, 2012, respectively, to American Integrated Services, Inc. (AIS) of Wilmington, California, the contractor selected by Pechiney to perform the work. The below grade demolition work was conducted as described in the Plan. As noted in the Plan, soil removal was planned only for areas where metals or PCBs were detected in shallow soil at concentrations exceeding site-specific risk-based remediation goals for future commercial/industrial site use pursuant to the RAP. Soil remediation for volatile organic compounds (VOCs) using soil vapor extraction (SVE) was performed prior to beginning the demolition work and SVE will continue in the Phase I Area (and other areas of the site) after completion of the below grade demolition work. SVE was suspended during the demolition work to allow access to the work areas.

The below grade demolition and soil removal work was conducted by AIS under contract to Pechiney. AMEC observed AIS' work and conducted the soil verification sampling and perimeter air monitoring with the assistance of Aurora Industrial Hygiene (Aurora).

2.0 SCOPE OF WORK AND REMEDIATION GOALS

As described in the RAP and Plan, the scope of work for concrete and soil removals included the following work.

- Site mobilization, preparation and below grade demolition permitting. As part of site mobilization and preparation, SVE in the Phase I area was suspended, the SVE system and piping was deactivated and removed, and the SVE wells, vapor probes, and groundwater monitoring well (AOW-10) were protected during the demolition work.
- Demarcation, removal, and offsite disposal of PCB-impacted concrete with PCB concentrations greater than 1 milligram per kilogram (mg/kg). The concrete slab locations with PCBs greater than 1 mg/kg presented in the RAP are shown on Figure 3.
- Demarcation, excavation, verification soil sampling, and offsite disposal of PCB-impacted soil using in situ data. The PCB soil removal areas identified in the RAP

are shown on Figure 3 (Soil Removal Areas in the Phase I Area include Areas 13, 16a, 16b, and 16c).

- Testing and removal of below grade structures with the upper 10 feet relative to the surface elevation of the eastern parking lot nearest the structure (identified as 183 feet mean sea level [MSL]), and capping deeper structures in place. In situ testing of the concrete structures was conducted to select the disposition of the concrete and the need to collect soil samples below the structure.
- Collection of verification soil samples below PCB-impacted concrete slabs and structures.
- Identification, verification sampling, handling, and disposal of impacted soil encountered during below grade demolition work.
- Removal of underground piping and utilities within the upper 3 feet of soil beneath the concrete slab and terminating utility conduits at the site boundary.
- Removal and disposal of buried rail lines and sampling soil below these rail lines.
- Conducting perimeter air monitoring as described in the Revised Perimeter Air Monitoring Plan (AMEC, 2011). The final results of the monitoring will be provided in the final completion report for the project.
- Backfill, compaction and site grading, which is in progress for the Phase I Area.

A brief summary of the concrete sampling and removal work; soil removal, verification soil sampling, placement of backfill materials; other media sampled during the below grade work; waste management and disposal; and below grade demolition work is provided below. The RAP site-specific remediation goals used for soil and concrete are provided in Table 1. In addition, the site-specific PCB remediation goal for concrete was set at greater than 1 mg/kg.

3.0 CONCRETE SAMPLING AND REMOVAL

Prior to beginning the below grade demolition work, concrete slabs identified with PCBs at concentrations greater than 1 mg/kg, 50 mg/kg, and 1000 mg/kg were demarcated with paint and saw cut or broken to facilitate removal and offsite disposal. As concrete slab removal progressed, areas of stained concrete (black or magenta to pink in color) and/or layered concrete, were encountered and evaluated by collecting and laboratory analysis of concrete core samples to evaluate the potential presence of PCBs. The sampling grid/locations and methods used for sampling were conducted as described in the Sampling and Analysis Plan (SAP; AMEC, 2010) and RAP. Based on the concrete sampling results, additional areas of PCB-impacted concrete were identified and demarcated for removal and offsite disposal.

Concrete containing total PCB concentrations greater than 1 mg/kg was transported off site for disposal. The concrete slab areas that were removed for disposal in the Phase I Area are

shown on Figure 4, and are listed as Areas A, B, D, E, K, L, M, and N. A summary of the concrete sample results are provided in Table 2 and the approximate sample locations are shown on Figure 4. Analytical laboratory reports are included in Appendix A.

As the concrete slabs were removed, the underlying below grade concrete structures were exposed in sections and the below grade structures were tested for the presence of PCBs using the sampling methods used for the concrete slab. In addition to testing the below grade concrete structures, material found within the structures, such as pea gravel, was also tested for PCBs. The concrete and material samples collected from these structures and analyzed were used to select the methods for managing the concrete and backfill material (e.g., released for onsite crushing or transported off-site for disposal). A summary of the concrete sample results are provided in Table 2, and approximate sample locations of the concrete and material samples are shown on Figure 5. Analytical laboratory reports are included in Appendix A.

The below grade structures encountered in the Phase I Area were removed completely, with the exception of the structures that remained in place for the former Swindell Furnace Pits (referred to as Structure 142; Figure 5). These structures, formerly backfilled by Alcoa, consisted of two concrete pits measuring approximately 18 feet in diameter and extending to a depth of approximately 60 to 63 feet below the building floor slab. When these structures were exposed during the below grade demolition work, a third, smaller circular structure was encountered between the two structures. Exposed concrete and pea gravel within these structures were tested for PCBs in the same manner as the other below grade structures to select the methods for managing the concrete and material. The walls of the structures were removed to a depth of approximately 10 feet (approximate elevation of 172 feet mean seal level [MSL]) below the elevation of the eastern parking lot, the exposed concrete and pea gravel were tested for PCBs, and the structures were prepared for capping and capped with concrete (approximate elevation of 173 feet MSL) as described in the RAP (discussed in Section 7.0).

4.0 SOIL REMOVAL, VERIFICATION SAMPLING, AND BACKFILL

Phase I Area soil removal areas identified in the RAP for 13, 16a, 16b, and 16c were marked and the soil was excavated before the below grade structures in the area were removed. After the soil was excavated, verification soil sampling for PCBs was conducted as described in the SAP and RAP. Based on location, removal of the adjacent below structures was necessary, in order to complete additional soil removal at Areas 16a, 16b, and 16c.

As below grade structures and underground piping was encountered and tested, soil sampling below these features was conducted as outlined in the SAP and RAP. Based on this testing,

additional areas of PCB- (and other chemicals of concern) impacted soil was identified that required removal for offsite disposal. The location of the soil removal areas and soil sample locations are shown on Figure 6 (all locations), Figure 7 (for soil between 0 and 5 feet), Figure 8 (for soil between 5 and 15 feet), and Figure 9 (for soil below 15 feet). As shown on Figure 6, the majority of the concrete structures that were removed during the below grade demolition work were located in the northwestern and western portion of the Phase I Area, and due to the removal of these structures and subsequent soil excavations, a large excavated area was created in the Phase I Area. The large excavated area was defined as soil removal Area 22, and encompasses the RAP soil removal Areas 16a, 16b, and 16c.

A summary of the soil sample results are provided in Table 3, and the approximate verification soil sample locations are shown on Figures 6, 7, 8 and 9. Soil sample locations that were excavated in the Phase I Area are shown in gray on Figures 7, 8, and 9, and listed in Table 3 as such with an "E". The remaining soil sample locations shown in color on Figures 7, 8 and 9 remain in place below the site-specific remediation goals. Analytical laboratory reports are included in Appendix A.

Based on the verification sampling in the soil removal areas, portions of the Phase I area was released for backfill and completion as described in Section 7.0 below. The lower portion of the large excavated area, referred to as soil removal Area 22, was backfilled with imported fill soil obtained from a borrow site that was a former apartment complex and parking lot (5243 Santa Monica Boulevard, in Los Angeles, California). The remainder of the soil removal Area 22 and other soil removal areas were backfilled with crushed concrete generated onsite. Prior to use onsite, the imported fill was tested at the borrow site for total petroleum hydrocarbons (TPH), VOCs, metals and PCBs. Based on testing, the fill soil was deemed acceptable for site use, with the exception of the deeper portion of the borrow site that exhibited elevated levels of naturally occurring arsenic (sample identification "6 4/6 West"), and therefore it was not used as backfill soil at this site. Analytical laboratory reports for the fill soil from the borrow site are included in Appendix B.

5.0 OTHER MATERIALS OR MEDIA SAMPLED

As the below grade demotion work progress, other building materials were encountered and required testing for asbestos containing materials (ACMs) and lead-based paint. In addition, below grade piping was also tested for PCBs using wipe sample methods, and where observed, the contents of the piping was tested.

Suspect ACMs were observed along the edge of the concrete slab, and as a results Aurora conducted a site reconnaissance in September 2013 to assess the presence of other suspect ACM. During the reconnaissance, Aurora conducted ACM testing on exposed expansion joint

material, a moisture barrier material, and remaining floor tiles. Based on testing, a small section of expansion joint material, the moisture barrier material and floor tiles tested positive for ACM. A copy of the ACM summary report is included in Appendix C. As suspect material was encountered during the below grade work, additional ACM testing was conducted (including transite piping). The materials identified with ACM, were abated by AIS and managed for offsite disposal for ACM. Laboratory reports for the ACM analyses are included in Appendix D.

Painted concrete structures previously tested at the surface for lead exhibited an underlying layer of paint that was re-tested during the below grade demolition work and found to contain lead. The lead-paint covering the concrete structures (surface exterior concrete rims of the Swindell Pit pedestals in the Phase I area and equipment pedestals in the Phase I and II areas) was encapsulated, and managed for offsite disposal as a hazardous waste. Laboratory reports for these samples are included in Appendix D.

Wipe samples of piping sections were collected by AIS and analyzed for PCBs. The wipe sample results, sample locations and analytical laboratory reports are included in Appendix E. Pipe sections with wipe samples exhibiting PCBs at concentrations greater than 1 microgram per 100 centimeters squared ($\mu\text{g}/100 \text{ cm}^2$) were removed and shipped offsite for disposal. In addition to wipe samples, AMEC collected samples of material contained within piping sections. The locations of these samples are shown on Figure 5, and results are summarized in Tables 3, 4, 5 and 6, as applicable. If PCBs were detected in the material contained within the pipe, the pipe section was shipped offsite for disposal. The remaining below grade metal piping was removed and shipped offsite for recycling.

In addition, debris composed of refractory bricks was encountered below the concrete slab in isolated areas of the site. Occupational Services, Inc. (OSI) collected representative samples of this material for isotopic analysis, and determined that the bricks contained low levels of natural uranium and thorium daughter products. A copy of OSI's summary report is included in Appendix D. Based on the findings, the refractory brick debris was managed for disposal as a Natural Occurring Radioactive Material (NORM) waste.

6.0 WASTE MANAGEMENT AND DISPOSAL

Waste materials generated during below grade demolition and soil removal work were transported off-site to appropriate disposal facilities during the course of the project. Waste materials included demolition debris, refractory brick debris, various liquids and solids. Vehicles and equipment leaving the site were cleaned of soil and dust prior to leaving the site. AIS was responsible for securing and covering transport vehicles and containers pursuant to applicable Department of Transportation requirements.

Waste materials were sampled and profiled pursuant to regulatory and Treatment, Storage, and Disposal Facility requirements prior to any materials leaving the site. Soil and concrete and other media impacted with PCBs were profiled for disposal based on in situ concentrations pursuant US EPA's conditional approval letter (July 2010). Transportation and disposal activities were performed in compliance with applicable state, local, and/or federal laws, and as outlined in the Hazardous Materials Transportation Plan (AMEC, 2012b).

Table 7 provides the approximate quantities of materials removed from the Phase I Area during the below grade demolition and soil removal work and the associated disposal facilities. A final summary of the waste quantities, waste profiles and signed manifests for materials shipped off site for disposal from the Phase I Area will be provided in final completion report for the site.

7.0 BELOW GRADE DEMOLITION AND STRUCTURE REMOVALS

Below grade structures were predominantly encountered in the northwestern and west side of the Phase I area as described in the Plan (AMEC, 2012d). Major below grade structures in the northwestern and west side of the Phase I area included the press pits (from north to south Press Pits #9, #8, #6, #5, #3, and #2), interconnecting tunnels, associated sumps and vaults, and stretcher pits. Many of the structures had been filled with pea gravel and then covered with the concrete pad that formerly served as the floor slab for the former building. The locations of the below grade structures are shown on Figure 10, which also depicts the anticipated location of the structure (shaded gray) compared to the actual location of the structure (shaded black).

All of these structures, with the exception of the Swindell Pits, were removed in their entirety as encountered below grade. No portion of these structures is known to remain in place following completion of the demolition activities in the Phase I Area.

Structural footings were also removed during the demolition activities. Each footing that was encountered was removed in its' entirety and no portion of the footings remained in place after completing the demolition work in the Phase I Area.

As proposed in the Plan, structures known as the Swindell Pits were located in the central-southern portion of the Phase I area. The Swindell Pits were described as being approximately 18 feet in diameter and 60 feet deep. The Swindell Pits were exposed and demolished to a depth of 10 feet below the corresponding elevation at the eastern parking lot as described in the Plan or about 172.4 feet MSL (AMEC, 2012d). Additionally, a third pedestal located between the two Swindell Pits was encountered while excavating the Swindell Pits. This pedestal was not known previously to be present. The third pedestal was

also demolished to an elevation that was 10 feet below the corresponding elevation at the eastern parking lot.

A six- to eight-inch thick concrete cover was placed over, and in contact with, the remaining portion of the Swindell Pits and third pedestal. A licensed land surveyor conducted a survey to document the location of the Swindell Pits and elevation of the concrete cover.

Several structures that were shown in the Plan in the area of Former Building 112 were not encountered during demolition (Figure 10). These structures included an approximate 8 foot by 60 foot trench in the northeast corner of former Building 112 and the structures associated with the former age-anneal ovens. To confirm that the structures were not present, an approximate 10 foot deep trench was excavated perpendicular to the reported central portion of the structure as shown in the Plan. In each case, the structure was not encountered and was subsequently considered to not be present.

Concrete that did not contain PCBs at concentrations greater than 1 mg/kg, was transferred to a concrete stockpile for crushing. The crushed concrete was later used for backfill material at the site and to cover the site in conformance with the Plan (AMEC, 2012d). Gradation reports for the crushed concrete will be provided in the last completion report for the site.

The excavation areas were backfilled by recontouring the remaining site soil, and using crushed concrete and import soil for backfill. The backfill material was compacted in conformance with the Plan (AMEC, 2012d). The results of the compaction testing will be provided as part of a last completion report for the site. As of the date of this report, final grading of the Phase I area is not completed and the record drawings of the final site grading will be provided in the last completion report for the site.

As specified by the Plan (AMEC, 2012d), underground piping and utilities that were encountered in the upper 3 feet of the site were removed. If the utility piping extended off site, then the utility connection was terminated at the property boundary and capped in conformance with City of Vernon requirements. The locations of terminated utility connections are shown on Figure 11. A final site-wide record drawing for these features will be provided in the last completion report for the site.

8.0 CONCLUSIONS AND VERIFICATION OF COMPLETION

AMEC received notification from AIS that they had completed their scope of work for below grade demolition and soil removal work in the Phase I Area, with the exception of the final site grading (which is in progress). AIS prepared a record drawing (Figure 11) illustrating locations of capped and decommissioned utilities and structures. In addition, AMEC completed

verification sampling related to PCBs and confirms that the soil removals outlined in the RAP and those that were discovered in the course of the demolition work was completed.

In addition, this report is being submitted to the City of Vernon Community Services to document the completion of the below grade demolition work in the Phase I Area in accordance with Plan.

This Report documents response actions taken by the former Pechiney facility to perform below grade demolition of the facility and the conduct the soil removal actions outlined in the RAP. These actions, including verification sampling and analysis procedures, waste removal and off-site disposal, were conducted as stated herein this Report and in conformity with the Plan prepared by AMEC (AMEC 2012d) and approved by the City of Vernon Community Services and the RAP prepared by AMEC (AMEC 2012c) and approved by the DTSC and the PCB elements conditionally approved by US EPA.

This certification does not warrant or guarantee that all hazardous materials have been completely removed from the site. Hazardous materials may be present at the site in environmental media including soil, soil vapor, and groundwater as a result of not being encountered or identified during below grade demolition activities or previous site assessments.

9.0 REFERENCES

- AMEC Environment & Infrastructure, Inc. (AMEC), 2010, Concrete and Soil Sampling and Analysis Plan, Draft, Former Pechiney Cast Plate, Inc., Facility, Vernon, California, July 27.
- AMEC, 2011, Revised Perimeter Air Monitoring Plan, Below Grade Demolition and Remediation Activities, Former Pechiney Cast Plate, Inc. Facility, Vernon, California, revised October 28.
- AMEC, 2012a, Feasibility Study, Former Pechiney Cast Plate, Inc., Facility, Vernon, California, May 7.
- AMEC, 2012b, Hazardous Materials Transportation Plan, Former Pechiney Cast Plate, Inc., Facility, Vernon, California, November, 2010, revised April 12.
- AMEC, 2012c, Remedial Action Plan, Former Pechiney Cast Plate, Inc. Facility, 3200 Fruitland Avenue, Vernon, California, June, 28.
- AMEC, 2012d, Revised Below Grade Demolition Plan, Former Pechiney Cast Plate, Inc. Facility, 3200 Fruitland Avenue, Vernon, California, August, 31.
- AMEC and American Integrated Services, Inc., 2011, Storm Water Pollution Prevention Plan, Former Pechiney Cast Plate Facility, Vernon, California, WDID 419C342261, prepared for Regional Water Quality Control Board – Region 4, Los Angeles, August 31.
- U.S. EPA, 2010, Polychlorinated Biphenyls – U.S. EPA Conditional Approval Under 40 CFR 761.61(c), Toxic Substances Control Act – “Polychlorinated Biphenyls Notification Plan, Former Pechiney Cast Plate, Inc., Facility, Vernon, California, July 9, 2009,” Letter from Jeff Scott, Director, Waste Management Division, to Donald Thompson, President Pechiney Cast Plate, July 2.
- U.S. EPA, 2011, Polychlorinated Biphenyls – U.S. EPA Conditional Approval Under 40 CFR 761.61(c), Toxic Substances Control Act – “Polychlorinated Biphenyls Notification Plan, Former Pechiney Cast Plate, Inc., Facility, Vernon, California, July 9, 2009,” Letter providing conditional approval of the PCB Cleanup Levels from Jeff Scott, Director, Waste Management Division, to Donald Thompson, President Pechiney Cast Plate, July 1.
- U.S. EPA, 2014, Polychlorinated Biphenyls – U.S. EPA Conditional Approval Under 40 CFR 761.61(c), Toxic Substances Control Act – “Polychlorinated Biphenyls Notification Plan, Former Pechiney Cast Plate, Inc., Facility, Vernon, California, July 9, 2009,” Letter providing conditional approval of the PCB Cleanup Levels from Jeff Scott, Director, Waste Management Division, to Donald Thompson, President Pechiney Cast Plate, July 1.

TABLES

TABLE 1

**SITE-SPECIFIC REMEDIATION GOALS –
PCBs IN SOIL AND CONCRETE, AND METALS AND TPH IN SOIL
Phase I Area - Pechiney Cast Plate, Inc. Facility**

3200 Fruitland Avenue
Vernon, California

Compound	Remediation Goal (mg/kg)	Explanation
PCBs in Soil		
Aroclor-1254	2.0	Noncarcinogenic RBSL ¹ for construction workers. Also protective of commercial/industrial worker exposure.
Total Aroclors <i>For soil that may be left exposed at the surface (0 to 5 feet bgs)</i>	3.5	Based on the regression analysis for dioxin-like PCB congeners versus total Aroclors in combined soil and concrete presented in Appendix E of the FS (AMEC, 2012), the total Aroclor concentration that would result in a maximum dioxin TEQ concentration of 81 pg/g. ² Protective of cumulative commercial/industrial worker exposure, and cumulative construction worker exposure, to PCBs.
Total Aroclors <i>For subsurface soil (5 to 15 feet bgs) that only construction workers may come into contact with during excavation, grading, etc. (and that would remain at 5 to 15 feet bgs)</i>	23	Based on the regression analysis for dioxin-like PCB congeners versus total Aroclors in combined soil and concrete presented in Appendix E of the FS (AMEC, 2012), the total Aroclor concentration that would result in a maximum dioxin TEQ concentration of 530 pg/g. ³ Protective of cumulative construction worker exposure to PCBs.
PCBs in Concrete		
Total Aroclors	3.5	Based on the regression analysis for dioxin-like PCB congeners versus total Aroclors in combined soil and concrete presented in Appendix E of the FS (AMEC, 2012), the total Aroclor concentration that would result in a maximum dioxin TEQ concentration of 81 pg/g. Also protective of cumulative construction worker exposure to PCBs. Applying this remediation goal ensures that waste criteria for concrete containing PCBs is also met [i.e., less than 50 mg/kg, as defined in 40 CFR Section 761.61(a)(4)(i)(A)].
Metals in Soil		
Arsenic	10	Site-Specific Background Concentration in Soil, established as described in Appendix B of the FS (AMEC, 2012).
TPH in Soil		
c5-c10 hydrocarbons, c6-c10 hydrocarbons, c7-c12 hydrocarbons, and Stoddard solvent	500	Screening Level for the Protection of Groundwater for TPH gasoline range (c4-c12) from the Los Angeles RWQCB Guidebook. ⁴
c10-c20 hydrocarbons and c10-c28 hydrocarbons	1000	Screening Level for the Protection of Groundwater for TPH diesel range (c13-c22) from the Los Angeles RWQCB Guidebook. ⁴
c21-c28 hydrocarbons	10,000	Screening Level for the Protection of Groundwater for TPH as residual fuel (c23-c32) from the Los Angeles RWQCB Guidebook. ⁴

Notes

1. Developed based on the methodology described in Appendix C of the FS (AMEC, 2012). RBSLs were used to conduct the screening-level human health risk assessment for the Site.
2. Based on the carcinogenic RBSL for dioxin-like PCB congeners for outdoor commercial/industrial workers (8.1 pg/g TEQ), adjusted to a target cancer risk of 10-5.
3. Based on the carcinogenic RBSL for dioxin-like PCB congeners for construction workers (53 pg/g TEQ), adjusted to a target cancer risk of 10-5.
4. Los Angeles RWQCB Interim Site Assessment and Cleanup Guidebook (RWQCB Guidebook, May 1996; updated May 2004), for petroleum hydrocarbons and aromatic hydrocarbons (benzene, toluene, ethylbenzene, and total xylenes [BTEX] compounds) in soil. The selected screening levels were taken from Table 4-1 assuming distance above groundwater is 20 to 150 feet.

Abbreviations

- bgs = below ground surface
- CFR = Code of Federal Regulations
- FS = Feasibility Study
- mg/kg = milligrams per kilogram
- PCBs = polychlorinated biphenyls
- pg/g = picograms/gram
- RBSL = risk-based screening level
- RWQCB = California Regional Water Quality Control Board
- TEQ = toxic equivalent
- TPH = total petroleum hydrocarbons

TABLE 2

CONCRETE SAMPLE RESULTS - PCBs

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082, units in ug/kg, unless otherwise specified

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bsl)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262	PCB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks
130905-0012-I-CS-001	12-CS-001	9/9/2013	12	ND	12	co	0	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Structure from Grid 12	NA
32-I-P/S-CS-001	32-CS-001	10/21/2013	A	22	32	co	3	<50	<50	<50	<50	9700	<50	420	<50	<50	10120	10.12	Press Pit #8 North wall	North wall
32-I-P/S-CS-002	32-CS-002	10/21/2013	A	22	32	co	9	<500	<500	<500	<500	61000	<500	2800	<500	<500	63800	63.8	Press Pit #8 North wall	North wall
32-I-P/S-CS-003	32-CS-003	10/21/2013	A	22	32	co	9	<250	<250	<250	<250	31000	<250	1700	<250	<250	32700	32.7	Press Pit #8 floor depth	Floor
32-I-P/S-CS-004	32-CS-004	10/21/2013	A	22	32	co	9	<50	<50	<50	<50	200	<50	<50	<50	<50	200	0.2	Press Pit #8 floor depth	Floor
32-I-P/S-CS-005	32-CS-005	10/21/2013	A	22	32	co	9	<5000	<5000	<5000	<5000	500000	<5000	17000	<5000	<5000	517000	517	Press Pit #8 floor depth	Floor
32-I-P/S-CS-006	32-CS-006	10/21/2013	A	22	32	co	9	<50	<50	<50	<50	210	<50	<50	<50	<50	210	0.21	Press Pit #8 floor depth	Floor
32-I-P/S-CS-007	32-CS-007	10/21/2013	A	22	32	co	9	<50	<50	<50	<50	420	<50	<50	<50	<50	420	0.42	Press Pit #8 floor depth	Floor
32-I-P/S-CS-008	32-CS-008	10/28/2013	A	22	32	co	9	<20	<20	<20	<20	22000	12000	680	--	<20	34680	34.68	Press Pit #8 floor, next to CS-002	Floor
32-I-P/S-CS-009	32-CS-009	10/28/2013	A	22	32	co	9	<20	<20	<20	<20	13000	6300	260	--	<20	19560	19.56	Press Pit #8 floor, between CS-001 and CS-002	Floor
32-I-P/S-CS-010	32-CS-010	10/28/2013	A	22	32	co	9	<20	<20	<20	<20	140000	69000	3100	--	<20	212100	212.1	Press Pit 8 floor sample, West of CS-005	Floor
32-I-P/S-CS-011	32-CS-011	10/28/2013	A	22	32	co	9	<20	<20	<20	<20	150000	77000	3000	--	<20	230000	230	Press Pit 8 floor sample, East of CS-005	Floor, East of CS-005
32-I-P/S-CS-012	32-CS-012	11/11/2013	A	22	32	co	0	<5000	<5000	<5000	<5000	1500000	<5000	38000	<5000	<5000	1538000	1538	Stockpile, Press Pit #8 floor, pink stained concrete	Stockpiled pink concrete
DC-363	DC-363	10/15/2013	A	NA	32	co	0.25	<5000	<5000	<5000	<5000	1300000	<5000	60000	<5000	<5000	1360000	1360	East end of Press Pit 8, Magenta stained	NA
DC-392	DC-392	2/17/2014	A	NA	32	co	0	<50	<50	<50	<50	570	<50	120	<50	<50	690	0.69	Wing wall adjacent Press Pit #8 in Stockpile	NA
DC-393	DC-393	2/17/2014	A	NA	32	co	0	<50	<50	<50	<50	450	<50	<50	<50	<50	<50	<0.05	Wing wall adjacent Press Pit #8 in Stockpile	NA
DC-394	DC-394	2/17/2014	A	NA	32	co	0	<50	<50	<50	<50	650	<50	74	<50	<50	724	0.724	Wing wall adjacent Press Pit #8 in Stockpile	NA
59-I-P/S-CS-001	59-CS-001	11/7/2013	B	22	59	co	0	<500	<500	<500	<500	5400	5800	2700J	<500	<500	13900	13.9	NA	Northeast wall
59-I-P/S-CS-002	59-CS-002	11/7/2013	B	22	59	co	0	<500	<500	<500	<500	3600	7100	4500J	<500	<500	15200	15.2	NA	East Wall
59-I-P/S-CS-003	59-CS-003	11/7/2013	B	22	59	co	0	<500	<500	<500	<500	14000	<500	4000J	<500	<500	18000	18	NA	South wall, east end
59-I-P/S-CS-004	59-CS-004	11/7/2013	B	22	59	co	0	<500	<500	<500	<500	4800	8300	6000J	<500	<500	19100	19.1	NA	South wall, west end
59-I-P/S-CS-005	59-CS-005	11/7/2013	B	22	59	co	0	<50000	<50000	<50000	<50000	640000	4100000	4400000J	<50000	<50000	9140000	9140	At Row 20, in stained area	West wall
59-I-P/S-CS-006	59-CS-006	11/7/2013	B	22	59	co	0	<25000	<25000	<25000	<25000	100000	<25000	910000J	<25000	<25000	1010000	1010	North of CS-006, pink	West wall
59-I-P/S-CS-007	59-CS-007	11/7/2013	B	22	59	co	0	<500	<500	<500	<500	12000	11000	6400J	<500	<500	29400	29.4	West wall, North end	West wall
59-I-P/S-CS-008	59-CS-008	11/7/2013	B	22	59	co	0	<500	<500	<500	<500	4200	3100	2000J	<500	<500	9300	9.3	North wall	North wall
59-I-P/S-CS-009	59-CS-009	11/7/2013	B	22	59	co	0	<50	<50	<50	<50	87	110	66J	<50	<50	263	0.263	East wall	East wall
59-I-P/S-CS-010	59-CS-010	11/21/2013	B	22	59	co	7	<500	<500	<500	<500	1500	1600	890	<500	<500	3990	3.99	East floor; pink staining	East floor
59-I-P/S-CS-011	59-CS-011	11/21/2013	B	22	59	co	7	<500	<500	<500	<500	9000	10000	4100	<500	<500	23100	23.1	Center floor; pink staining	Center
59-I-P/S-CS-012	59-CS-012	11/21/2013	B	22	59	co	7	<50	<50	<50	<50	110	210	110	<50	<50	430	0.43	West floor	West floor
130919-0059-I-PS-001	59-S-001	9/19/2013	B	NA	59	pg	0	<50	<50	<50	<50	120	<50	62J	<50	<50	182	0.182	Pea gravel from Area 1	NA
130919-0060-I-PP-001	60-P-001	9/19/2013	A	22	60	pg	0.5	<50	<50	<50	<50	62	<50	<50	<50	<50	62	0.062	Press Pit #6, pea gravel from Area 2	NA
130919-0062-I-PP-001	62-P-001	9/19/2013	A	22	62	pg	0.5	<50	<50	<50	<50	50	<50	<50	<50	<50	<50	<0.05	Press Pit #5, pea gravel/soil mix from Area 1	NA
130924-0080-I-C001	80-CS-001	9/24/2013	A	ND	80	co	0	<50	<50	<50	<50	550	490	47	--	<20	1087	1.087	Concrete sample from/near Structure 80	NA
84-I-P/S-CS-001	84-CS-001	10/28/2013	P	22	84	co	2	<20	<20	<20	<20	550	490	47	--	<20	1087	1.087	NA	North sidewall
84-I-P/S-CS-002	84-CS-002	10/28/2013	P	22	84	co	6	<5												

TABLE 2

CONCRETE SAMPLE RESULTS - PCBs

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082, units in ug/kg, unless otherwise specified

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bsl)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262	PCB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks
84-I-P/S-CS-011	84-CS-011	11/20/2013	P	22	84	co	4	<5000	<5000	<5000	<5000	150000	<5000	15000J	<5000	<5000	165000	165	Floor sample	Floor, East End
87-I-P/S-CS-001	87-CS-001	1/29/2014	NA	22	87	co	2	<50	<50	<50	<50	2200	<50	510	<50	<50	2710	2.71	Press Pit #3	West sidewall
87-I-P/S-CS-002	87-CS-002	1/29/2014	NA	22	87	co	2.5	<50	<50	<50	<50	740	<50	170	<50	<50	910	0.91	Press Pit #3	South sidewall, Southwest end
87-I-P/S-CS-003	87-CS-003	1/29/2014	NA	22	87	co	2	<250	<250	<250	<250	1400	<250	720	<250	<250	2120	2.12	Press Pit #3	South sidewall, Southwest end
87-I-P/S-CS-004	87-CS-004	1/29/2014	NA	22	87	co	6	<50	<50	<50	<50	1900	<50	680	<50	<50	2580	2.58	Press Pit #3	Floor, West end
87-I-P/S-CS-005	87-CS-005	1/29/2014	NA	22	87	co	6	<500	<500	<500	<500	30000	<500	2700	<500	<500	32700	32.7	Press Pit #3	Floor, West end
87-I-P/S-CS-006	87-CS-006	1/29/2014	NA	22	87	co	6	<50	<50	<50	<50	300	<50	640	<50	<50	940	0.94	Press Pit #3	Floor, Center
87-I-P/S-CS-007	87-CS-007	1/29/2014	NA	22	87	co	6	<50	<50	<50	<50	240	<50	<50UJ	<50	<50	240	0.24	Press Pit #3	Floor, East end
87-I-P/S-CS-008	87-CS-008	1/29/2014	NA	22	87	co	2	<50	<50	<50	<50	1200	<50	300	<50	<50	1500	1.5	Press Pit #3	North sidewall, West end
87-I-P/S-CS-009	87-CS-009	1/29/2014	NA	22	87	co	4	<50	<50	<50	<50	2500	<50	410	<50	<50	2910	2.91	Press Pit #3	Interior sidewall, West end
87-I-P/S-CS-010	87-CS-010	1/29/2014	NA	22	87	co	4	<50	<50	<50	<50	2000	<50	510	<50	<50	2510	2.51	Press Pit #3	Interior sidewall, Center
87-I-P/S-CS-011	87-CS-011	1/29/2014	NA	22	87	co	5	<500	<500	<500	<500	6000	<500	620	<500	<500	6620	6.62	Press Pit #3	South sidewall, Center
87-I-P/S-CS-012	87-CS-012	1/29/2014	NA	22	87	co	4	<500	<500	<500	<500	4100	<500	2200	<500	<500	6300	6.3	Press Pit #3	Interior, Center
87-I-P/S-CS-013	87-CS-013	1/29/2014	NA	22	87	co	4	<500	<500	<500	<500	5700	<500	1500	<500	<500	7200	7.2	Press Pit #3	Interior sidewall, East end
87-I-P/S-CS-014	87-CS-014	1/29/2014	NA	22	87	co	4	<500	<500	<500	<500	3500	<500	630	<500	<500	4130	4.13	Press Pit #3	South sidewall, Southeast end
87-I-P/S-CS-015	87-CS-015	1/29/2014	NA	22	87	co	4	<500	<500	<500	<500	1100	<500	1200	<500	<500	2300	2.3	Press Pit #3	Interior, Southwest end
87-I-P/S-CS-016	87-CS-016	1/29/2014	NA	22	87	co	5	<500	<500	<500	<500	5100	<500	810	<500	<500	5910	5.91	Press Pit #3	South sidewall, Southeast end
87-I-P/S-CS-017	87-CS-017	1/29/2014	NA	22	87	co	4	<500	<500	<500	<500	3100	<500	2400	<500	<500	5500	5.5	Press Pit #3	Interior sidewall, East end
87-I-P/S-CS-018	87-CS-018	1/29/2014	NA	22	87	co	4	<250	<250	<250	<250	630	<250	810	<250	<250	1440	1.44	Press Pit #3	Interior sidewall, East end
87-I-P/S-CS-019	87-CS-019	1/29/2014	NA	22	87	co	4	<500	<500	<500	<500	5800	<500	2700	<500	<500	8500	8.5	Press Pit #3	Interior sidewall, Northeast end
87-I-P/S-CS-020	87-CS-020	1/29/2014	NA	22	87	co	4	<500	<500	<500	<500	3500	<500	1600	<500	<500	5100	5.1	Press Pit #3	East sidewall, Northeast end
87-I-P/S-CS-021	87-CS-021	1/29/2014	NA	22	87	co	4	<500	<500	<500	<500	3100	2800	1600	<500	<500	7500	7.5	Press Pit #3	East sidewall
87-I-P/S-CS-022	87-CS-022	1/29/2014	NA	22	87	co	1	<500	<500	<500	<500	4000	<500	1400	<500	<500	5400	5.4	Press Pit #3	North sidewall, Northeast end
87-I-P/S-CS-023	87-CS-023	1/29/2014	NA	22	87	co	2	<500	<500	<500	<500	2400	<500	700	<500	<500	3100	3.1	Press Pit #3	Floor, East end
87-I-P/S-CS-024	87-CS-024	1/29/2014	NA	22	87	co	2	<250	<250	<250	<250	770	1700	700	<250	<250	3170	3.17	Press Pit #3	Floor, East end
87-I-P/S-CS-025	87-CS-025	1/29/2014	NA	22	87	co	2	<50	<50	<50	<50	300	350	71	<50	<50	721	0.721	Press Pit #3	Floor, Center
87-I-P/S-CS-026	87-CS-026	1/29/2014	NA	22	87	co	1	<500	<500	<500	<500	3700	<500	730	<500	<500	4430	4.43	Press Pit #3	North sidewall, Center
87-I-P/S-O-001	87-O-001	1/22/2014	NA	22	87	pg	0	<50	<50	<50	<50	85	85	51	<50	<50	136	0.136	Press Pit #3, Pea Gravel	NA
87-I-P/S-O-002	87-O-002	1/22/2014	NA	22	87	pg	0	<50	<50	<50	<50	50	<50	50	<50	<50	<50	<0.05	Press Pit #3, Pea Gravel	NA
87-I-P/S-SS-001	87-SS-001	9/26/2013	NA	22	87	pg	0	<50	<50	<50	<50	77	<50	50	<50	<50	77	0.077	Press Pit #3, Pea Gravel	NA
118-I-P/S-CS-001	118-CS-001	10/14/2013	A	22	118	co	2.5	<50	<50	<50	<50	1500	<50	270	<50	<50	1770	1.77	Press Pit #9	South wall, Center
118-I-P/S-CS-002	118-CS-002	10/14/2013	A	22	118	co	1.5	<50	<50	<50	<50	570	<50	110	<50	<50	680	0.68	Press Pit #9	South wall, Center
118-I-P/S-CS-003	118-CS-003	10/14/2013	A	22	118	co	4	<50	<50	<50	<50	27000	<50	1800	<50	<50	28800	28.8	Press Pit #9	South wall, Center
118-I-P/S-CS-004	118-CS-004	10/14/2013	A	22	118	co	1.5	<50	<50	<50	<50	400	<50	96	<50	<50	496	0.496	Press Pit #9	South wall
118-I-P/S-CS-005	118-CS-005	10/14/2013	A	22	118	co	7	<50	<50	<50	<50	9900	<50	400	<50					

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118-I-P/S-CS-014	118-CS-014	11/4/2013	A	22	118	co	5.5	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Floor sample, Press Pit #9	Floor, East end
118-I-P/S-CS-015	118-CS-015	11/4/2013	A	22	118	co	5	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Floor sample, Press Pit #9	Floor, East end
118-I-P/S-CS-016	118-CS-016	11/19/2013	A	22	118	co	0	<5000	<5000	<5000	<5000	650000	<5000	24000	<5000	<5000	674000	674	Press Pit #9	Floor, West end
119-I-P/S-CS-001	119-CS-001	10/14/2013	A	22	119	co	1	<50	<50	<50	<50	1400	<50	220	<50	<50	1620	1.62	West wall of Press Pit #8 and #9	Floor, North end
119-I-P/S-CS-002	119-CS-002	10/14/2013	A	22	119	co	3.5	<50	<50	<50	<50	2900	<50	350	<50	<50	3250	3.25	West wall of Press Pit #8 and #9	Interior wall, Northwest end
119-I-P/S-CS-003	119-CS-003	10/14/2013	A	22	119	co	3.5	<50	<50	<50	<50	1200	<50	200	<50	<50	1400	1.4	West wall of Press Pit #8 and #9	Interior East wall, Northwest end
119-I-P/S-CS-004	119-CS-004	10/14/2013	A	22	119	co	2	<50	<50	<50	<50	14000	<50	410	<50	<50	14410	14.41	West wall of Press Pit #8 and #9	Interior East wall, Northwest end
119-I-P/S-CS-005	119-CS-005	10/14/2013	A	22	119	co	6	<50	<50	<50	<50	4400	<50	170	<50	<50	4570	4.57	West wall of Press Pit #8 and #9	Interior East wall, Center
119-I-P/S-CS-006	119-CS-006	10/14/2013	A	22	119	co	5	<50	<50	<50	<50	7200	<50	680	<50	<50	7880	7.88	West wall of Press Pit #8 and #9	East wall, Southwest end
119-I-P/S-CS-007	119-CS-007	10/14/2013	A	22	119	co	3.5	<50	<50	<50	<50	1300	<50	380	<50	<50	1680	1.68	West wall of Press Pit #8 and #9	North wall, South end
119-I-P/S-CS-008	119-CS-008	10/14/2013	A	22	119	co	3	<50	<50	<50	<50	1800	<50	<50	<50	<50	1800	1.8	West wall of Press Pit #8 and #9	North wall, South end
119-I-P/S-CS-009	119-CS-009	10/14/2013	A	22	119	co	2.5	<50	<50	<50	<50	2300	<50	1300	<50	<50	3600	3.6	West wall of Press Pit #8 and #9	Interior South wall, South end
119-I-P/S-CS-010	119-CS-010	10/14/2013	A	22	119	co	7.5	<50	<50	<50	<50	120	<50	<50	<50	<50	120	0.12	West wall of Press Pit #8 and #9	Floor, North end
119-I-P/S-CS-011	119-CS-011	10/14/2013	A	22	119	co	7.5	<50	<50	<50	<50	790	<50	73	<50	<50	863	0.863	West wall of Press Pit #8 and #9	Floor, Northwest end
119-I-P/S-CS-012	119-CS-012	10/14/2013	A	22	119	co	7.5	<50	<50	<50	<50	8800	<50	940	<50	<50	9740	9.74	West wall of Press Pit #8 and #9	Floor, West end
119-I-P/S-CS-013	119-CS-013	10/14/2013	A	22	119	co	7	<500	<500	<500	<500	39000	<500	1700	<500	<500	40700	40.7	West wall of Press Pit #8 and #9	Floor, South end
119-I-P/S-CS-014	119-CS-014	10/14/2013	A	22	119	co	4	<50	<50	<50	<50	6800	<50	900	<50	<50	7700	7.7	West wall of Press Pit #8 and #9	Interior Northwest wall
119-I-P/S-CS-015	119-CS-015	10/14/2013	A	22	119	co	4	<50	<50	<50	<50	5100	<50	1200	<50	<50	6300	6.3	West wall of Press Pit #8 and #9	Interior Northwest wall
119-I-P/S-CS-016	119-CS-016	10/14/2013	A	22	119	co	4	<50	<50	<50	<50	210	<50	55	<50	<50	265	0.265	West wall of Press Pit #8 and #9	Interior East wall, West end
119-I-P/S-CS-017	119-CS-017	10/14/2013	A	22	119	co	4	<50	<50	<50	<50	9500	<50	260	<50	<50	9760	9.76	West wall of Press Pit #8 and #9	Interior East wall, West end
119-I-P/S-CS-018	119-CS-018	10/14/2013	A	22	119	co	4	<250	<250	<250	<250	20000	<250	860	<250	<250	20860	20.86	West wall of Press Pit #8 and #9	Interior East wall, West end
119-I-P/S-CS-019	119-CS-019	10/14/2013	A	22	119	co	4	<50	<50	<50	<50	1900	<50	530	<50	<50	2430	2.43	West wall of Press Pit #8 and #9	West wall, West end
119-I-P/S-CS-020	119-CS-020	10/14/2013	A	22	119	co	2.5	<50	<50	<50	<50	5300	<50	3400	<50	<50	8700	8.7	West wall of Press Pit #8 and #9	North wall, Southwest end
119-I-P/S-CS-021	119-CS-021	10/14/2013	A	22	119	co	2	<50	<50	<50	<50	2500	<50	690	<50	<50	3190	3.19	West wall of Press Pit #8 and #9	West wall, Southwest end
119-I-P/S-CS-022	119-CS-022	10/14/2013	A	22	119	co	5	<500	<500	<500	<500	13000	<500	2300	<500	<500	15300	15.3	West wall of Press Pit #8 and #9	Interior South wall, Southwest end
119-I-P/S-CS-023	119-CS-023	10/14/2013	A	22	119	co	6	<5000	<5000	<5000	<5000	580000	<5000	60000	<5000	<5000	640000	640	West wall of Press Pit #8 and #9	Floor, West end
119-I-P/S-CS-024	119-CS-024	10/14/2013	A	22	119	co	6	<500	<500	<500	<500	38000	<500	5800	<500	<500	43800	43.8	West wall of Press Pit #8 and #9	Floor, West end
119-I-P/S-CS-025	119-CS-025	10/14/2013	A	22	119	co	6	<500	<500	<500	<500	15000	<500	1100	<500	<500	16100	16.1	West wall of Press Pit #8 and #9	Floor, West end
119-I-P/S-CS-026	119-CS-026	10/14/2013	A	22	119	co	6	<500	<500	<500	<500	37000	<500	2800	<500	<500	39800	39.8	West wall of Press Pit #8 and #9	Floor, West end
119-I-P/S-CS-027	119-CS-027	10/14/2013	A	22	119	co	4.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	West wall of Press Pit #8 and #9	Interior, South end
119-I-P/S-CS-028	119-CS-028	10/22/2013	A	22	119	co	0	<5000	<5000	<5000	<5000	7400	<5000	<5000	<5000	<5000	7400	7.4	West wall of Press Pit #8 and #9	North wall, South end
119-I-P/S-CS-029	119-CS-029	10/28/2013	A	22	119	co	3	<20	<20	<20	<20	46000	40000	2900	—	<20	88900	88.9	West wall of Press Pit #8 and #9	South wall, North end
119-I-P/S-CS-030	119-CS-030	10/28/2013	A	22	119	co	3	<20	<20	<20	<20	2400	4300	170	—	<20	6870	6.87	West wall of Press Pit #8 and #9	Interior, North wall
119-I-P/S-CS-031	119-CS-031	10/28/2013	A	22	119	co														

TABLE 2

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Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue
Vernon, California

EPA Test Method 8082, units in ug/kg, unless otherwise specified

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bsl)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262	PCB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks
119-I-P/S-CS-041	119-CS-041	11/6/2013	A	22	119	co	0.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	West wall of Press Pit #8 and #9	Interior, Northwest wall, North end
119-I-P/S-CS-042	119-CS-042	11/6/2013	A	22	119	co	4	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	West wall of Press Pit #8 and #9	Interior, Northwest wall, North end
119-I-P/S-CS-043	119-CS-043	11/13/2013	A	22	119	co	3.5	<50	<50	<50	<50	840	<50	74	<50	<50	914	0.914	West wall of Press Pit #8 and #9	North wall, South end
119-I-P/S-CS-044	119-CS-044	11/14/2013	A	22	119	co	2.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	74	0.074	West wall of Press Pit #8 and #9	North wall, South end
142-I-P/S-CS-001	142-CS-001	2/20/2014	110/123	NA	142	co	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Swindel Pit, concrete pile, black-stainin g	NA
142-I-P/S-CS-002	142-CS-002	2/20/2014	110/123	NA	142	co	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Swindel Pit, concrete pile, black-stainin g	NA
142-I-P/S-CS-003	142-CS-003	2/20/2014	110/123	NA	142	co	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Swindel Pit, concrete pile, black-stainin g	NA
142-I-P/S-CS-004	142-CS-004	2/20/2014	110/123	NA	142	co	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Swindel Pit, concrete pile, black-stainin g	NA
142-I-P/S-CS-005	142-CS-005	2/25/2014	110/123	NA	142	co	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	In place sample, Swindel pit North	NA
142-I-P/S-CS-006	142-CS-006	2/25/2014	110/123	NA	142	co	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	In place sample, Swindel pit North	NA
142-I-P/S-CS-007	142-CS-007	2/25/2014	110/123	NA	142	co	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	In place sample, Swindel pit North	NA
142-I-P/S-CS-008	142-CS-008	2/25/2014	110/123	NA	142	co	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	In place sample; Swindel pit South	NA
142-I-P/S-CS-009	142-CS-009	2/25/2014	110/123	NA	142	co	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	In place sample; Swindel pit South	NA
142-I-P/S-CS-010	142-CS-010	2/25/2014	110/123	NA	142	co	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	In place sample; Swindel pit South	NA
142-I-P/S-CS-011	142-CS-011	3/6/2014	110/123	NA	142	co	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Concrete chips from Structure 142, between swindle pits	NA
142-I-P/S-O-001	142-O-001	2/26/2014	110/123	NA	142	pg	10	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<0.1	Pea gravel from Southern swindell pit, verification sample	Bottom of Removal
142-I-P/S-O-002	142-O-002	2/26/2014	110/123	NA	142	pg	10	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<0.1	Pea gravel from Northern swindell pit, verification sample	Bottom of Removal
142-I-P/S-O-003	142-O-003	3/5/2014	110/123	NA	142	pg	10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Pea gravel from metal cylinder	Bottom of Removal
0142-1-P/S-SS-001	142-SS-001	10/23/2013	110/123	NA	142	pg	0.5	<50	<50	<50	<50	<50	<50	59	<50	<50	59	0.059	Pea Gravel samples, Former BLDG 110, Southern Swindell Pit, initial samples of concrete	Pea Gravel inside Swindell Pit
0142-1-P/S-SS-002	142-SS-002	10/23/2013	110/123	NA	142	pg	2	<50	<50	<50	<50	97	79	<50	<50	<50	176	0.176	Pea Gravel samples, Former BLDG 110, Southern Swindell Pit, initial samples of concrete	Pea Gravel inside Swindell Pit
0142-1-P/S-SS-003	142-SS-003	10/23/2013	110/123	NA	142	pg	0.5	<50	<50	<50	<50	96	<50	<50	<50	<50	96	0.096	Pea Gravel samples, Former BLDG 110, Southern Swindell Pit, initial samples of concrete	Pea Gravel inside Swindell Pit
0142-1-P/S-SS-004	142-SS-004	10/23/2013	110/123	NA	142	pg	2	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Pea Gravel samples, Former BLDG 110, Southern Swindell Pit, initial samples of concrete	Pea Gravel inside Swindell Pit
DC-298	DC-298	8/27/2013	110	NA	142	co	0.25	<20	<20	<20	<20	150	62	50	--	<20	262	0.262	Pedestal, Swindel Pit	NA
DC-299	DC-299	8/27/2013	123	NA	142	co	0.25	<20	<20	<20	<20	45	76	50	--	<20	171	0.171	Pedestal, Swindel Pit	NA
#346	#346	10/10/2013	A	22	154	pg	5	<50	<50	<50	<50	130	<50	<50	<50	<50	130	0.13	Fill material within Press Pit 5	Fill material inside structure
#416	#416	10/28/2013	A	22	154	pg	0	<50	<50	<50	250	<50	<50	<50	<50	250	0.25	Pea gravel stockpile, NW side, soil/backfill removed from structure #154, related to #346, #346(liquid)	NA	
#417	#417	10/28/2013	A	22	154	pg	0	<50	<50	<50	1500	<50	130	<50	<50	1630	1.63	Pea gravel stockpile, NW side, soil/backfill removed from structure #154, related to #346, #346(liquid)	NA	
#418	#418	10/28/2013	A	22	154	pg	0	<50	<50	<50	2600	<50	220	<50	<50	2820	2.82	Pea gravel stockpile, NW side, soil/backfill removed from structure #154, related to #346, #346(liquid)	NA	
#419	#419	10/28/2013	A	22	154	pg	0	<50	<50	<50	300	<50	<50	<50	<50	300	0.3	Pea gravel stockpile, NW side, soil/backfill removed from structure #154, related to #346, #346(liquid)	NA	
154-I-P/S-CS-001	154-CS-001	10/28/2013	A	NA	154	co	0	<20	<20	<20	<20	300	580	34	--	<20	914	0.914	Containing TPH soil (#346)	East wall
154-I-P/S-CS-002	154-CS-002	10/28/2013	A	NA	154	co	0	<20	<20	<20	<20	140	120	<20	--	<20	260	0.26	Containing TPH soil (#346)	North wall
154-I-P/S-CS-003	154-CS-003	10/28/2013	A	NA	154	co	0	<20	<20	<20	<20	54	24	<20	--	<20	78	0.078	NA	NA
209-I-P/S-CS-001	154/209-CS-001	11/12/2013	A	22	154/209	co	14	<50	<50	<50	80	<50	<50	<50	<50	80	0.08	Structure 154/209	Floor, Southside	
209-I-P/S-CS-002	154/209-CS-002	11/12/2013	A	22	154/209	co	11	<												

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Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue
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Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bsl)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262	PCB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks
209-I-P/S-CS-004	154/209-CS-004	11/12/2013	A	22	154/209	co	2	<50	<50	<50	<50	76	<50	<50	<50	<50	76	0.076	Structure 154/209	Sidewall, South side
209-I-P/S-CS-005	154/209-CS-005	11/12/2013	A	22	154/209	co	2	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Structure 154/209	Sidewall, Interior
209-I-P/S-CS-006	154/209-CS-006	11/12/2013	A	22	154/209	co	2	<50	<50	<50	<50	330	<50	<50	<50	<50	330	0.33	Structure 154/209	Sidewall, Southside
209-I-P/S-CS-007	154/209-CS-007	11/12/2013	A	22	154/209	co	2	<50	<50	<50	<50	410	<50	<50	<50	<50	410	0.41	Structure 154/209	Sidewall, Southside
209-I-P/S-CS-008	154/209-CS-008	11/12/2013	A	22	154/209	co	7.5	<50	<50	<50	<50	250	<50	<50	<50	<50	250	0.25	Structure 154/209	Floor, Southwest side
209-I-P/S-CS-009	154/209-CS-009	11/12/2013	A	22	154/209	co	12	<500	<500	<500	<500	40000	<500	1900J	<500	<500	41900	41.9	Structure 154/209	Floor, Center
209-I-P/S-CS-010	154/209-CS-010	11/12/2013	A	22	154/209	co	10	<500	<500	<500	<500	63000	<500	1600J	<500	<500	64600	64.6	Structure 154/209	Floor, Center
209-I-P/S-CS-011	154/209-CS-011	11/12/2013	A	22	154/209	co	10	<50	<50	<50	<50	460	<50	<50	<50	<50	460	0.46	Structure 154/209	Floor, Center
209-I-P/S-CS-012	154/209-CS-012	11/12/2013	A	22	154/209	co	2	<50	<50	<50	<50	730	<50	<50	<50	<50	730	0.73	Structure 154/209	Sidewall, Northside
209-I-P/S-CS-013	154/209-CS-013	11/12/2013	A	22	154/209	co	2	<50	<50	<50	<50	600	<50	92J	<50	<50	692	0.692	Structure 154/209	Sidewall, Northwest corner
209-I-P/S-CS-014	154/209-CS-014	11/12/2013	A	22	154/209	co	10	<50	<50	<50	<50	480	<50	<50	<50	<50	480	0.48	Structure 154/209	Sidewall, Interior, East end
209-I-P/S-CS-015	154/209-CS-015	11/12/2013	A	22	154/209	co	12	<50	<50	<50	<50	190	<50	<50	<50	<50	190	0.19	Structure 154/209	Floor, Northeast corner
209-I-P/S-CS-016	154/209-CS-016	11/12/2013	A	22	154/209	co	2	<50	<50	<50	<50	260	<50	<50	<50	<50	260	0.26	Structure 154/209	Sidewall, Northeast corner
209-I-P/S-CS-017	154/209-CS-017	11/12/2013	A	22	154/209	co	5.5	<50	<50	<50	<50	300	<50	<50	<50	<50	300	0.3	Structure 154/209	Sidewall, Interior
209-I-P/S-CS-018	154/209-CS-018	11/12/2013	A	22	154/209	co	2	<50	<50	<50	<50	240	<50	<50	<50	<50	240	0.24	Structure 154/209	Sidewall, Northwest corner
209-I-P/S-CS-019	154/209-CS-019	11/12/2013	A	22	154/209	co	2	<50	<50	<50	<50	660	<50	100J	<50	<50	760	0.76	Structure 154/209	Sidewall, Interior, Southwest corner
185-I-F/F-CS-001	185-CS-001	11/4/2013	47	NA	185	co	6	<50	<50	<50	<50	71	<50	<50UJ	<50	<50	71	0.071	Base of footing, Column D/Row 7	NA
185-I-F/F-CS-002	185-CS-002	11/4/2013	47	NA	185	co	4	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Stem of footing, Column D/Row 7	NA
185-I-F/F-CS-003	185-CS-003	11/4/2013	47	NA	185	co	2	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Stem of footing, Column D/Row 7	NA
198-I-P/S-CS-001	198-CS-001	11/6/2013	A	22	198	co	5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	South wall
198-I-P/S-CS-002	198-CS-002	11/6/2013	A	22	198	co	5	<50	<50	<50	<50	730	<50	84	<50	<50	814	0.814	NA	NA
198-I-P/S-CS-003	198-CS-003	1/20/2014	A	22	198	co	3.5	<50	<50	<50	<50	5200	<50	490	<50	<50	5690	5.69	South sidewall	South sidewall
198-I-P/S-CS-004	198-CS-004	1/20/2014	A	22	198	co	6	<500	<500	<500	<500	36000	<500	1600	<500	<500	37600	37.6	South sidewall	South sidewall
198-I-P/S-CS-005	198-CS-005	1/20/2014	A	22	198	co	3.5	<500	<500	<500	<500	120000	<500	6800	<500	<500	126800	126.8	South sidewall	South sidewall
198-I-P/S-CS-006	198-CS-006	1/20/2014	A	22	198	co	3	<5000	<5000	<5000	<5000	350000	<5000	15000	<5000	<5000	365000	365	East sidewall	East sidewall
198-I-P/S-CS-007	198-CS-007	1/20/2014	A	22	198	co	6.5	<500	<500	<500	<500	92000	<500	4300	<500	<500	96300	96.3	North sidewall	North sidewall
198-I-P/S-CS-008	198-CS-008	1/20/2014	A	22	198	co	3.5	<50	<50	<50	<50	6700	<50	730	<50	<50	7430	7.43	North sidewall	North sidewall
198-I-P/S-CS-009	198-CS-009	1/20/2014	A	22	198	co	4.5	<50	<50	<50	<50	2500	<50	220	<50	<50	2720	2.72	North sidewall	North sidewall
198-I-P/S-CS-010	198-CS-010	1/20/2014	A	22	198	co	0	<5000	<5000	<5000	<5000	130000	<5000	7000	<5000	<5000	137000	137	Bottom, East end	Bottom, East end
198-I-P/S-CS-011	198-CS-011	1/20/2014	A	22	198	co	0	<500	<500	<500	<500	34000	<500	2900	<500	<500	36900	36.9	Bottom, Center	Bottom, Center
198-I-P/S-SS-001	198-SS-001	12/4/2013	A	22	198	pg	1	<50	<50	<50	<50	68	<50	<50UJ	<50	<50	68	0.068	Pea gravel from Structure 198	Pea gravel inside structure
198-I-P/S-SS-002	198-SS-002	12/4/2013	A	22	198	pg	1	<50	<50	<50	<50	770	<50	<50UJ	<50	<50	770	0.77	Pea gravel from Structure 198	Pea gravel inside structure
219-I-P/S-CS-001	219-CS-001	11/14/2013	47/60	NA	219	co	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Pit/sump, interior wall	Sampled broken concrete at surface
219-I-P/S-CS-002	219-CS-002	11/14/2013	47/60	NA	219															

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222-I-F/CS-001	222-CS-001	11/13/2013	A	22	222	co	4	<50	<50	<50	<50	490	<50	<50	<50	<50	490	0.49	Footing structure, South pillar wall	Bottom, to the North, footing
222-I-F/CS-002	222-CS-002	11/13/2013	A	22	222	co	4	<50	<50	<50	<50	950	<50	110	<50	<50	1060	1.06	Footing structure, South pillar wall	Bottom, to the North, footing
240-I-P/S-CS-001	240-CS-001	2/6/2014	A	22	240	co	0	<50	<50	<50	<50	920	<50	840J	<50	<50	1760	1.76	Stockpile of tunnel concrete	Could not sample in place due to access
240-I-P/S-CS-002	240-CS-002	2/6/2014	A	22	240	co	0	<5000	<5000	<5000	<5000	200000	<5000	12000J	<5000	<5000	212000	212	Stockpile of tunnel concrete	Could not sample in place due to access
240-I-P/S-CS-003	240-CS-003	2/6/2014	A	22	240	co	0	<500	<500	<500	<500	110000	<500	5500J	<500	<500	115500	115.5	Stockpile of tunnel concrete	Could not sample in place due to access
240-I-P/S-CS-004	240-CS-004	2/6/2014	A	22	240	co	0	<50	<50	<50	<50	220	<50	<50	<50	<50	220	0.22	Stockpile of tunnel concrete	Could not sample in place due to access
240-I-P/S-CS-005	240-CS-005	2/6/2014	A	22	240	co	0	<50	<50	<50	<50	86	<50	<50	<50	<50	86	0.086	Stockpile of tunnel concrete	Could not sample in place due to access
240-I-P/S-CS-006	240-CS-006	2/6/2014	A	22	240	co	0	<5000	<5000	<5000	<5000	250000	<5000	7500J	<5000	<5000	257500	257.5	Stockpile of tunnel concrete	Could not sample in place due to access
240-I-P/S-CS-007	240-CS-007	2/6/2014	A	22	240	co	0	<5000	<5000	<5000	<5000	220000	<5000	13000J	<5000	<5000	233000	233	Stockpile of tunnel concrete	Could not sample in place due to access
240-I-P/S-CS-008	240-CS-008	2/6/2014	A	22	240	co	0	<50	<50	<50	<50	85	<50	<50	<50	<50	85	0.085	Stockpile of tunnel concrete	Could not sample in place due to access
240-I-P/S-CS-010	240-CS-010	2/18/2014	A	22	240	co	2	<50	<50	<50	<50	530	<50	100	<50	<50	630	0.63	Tunnel wall between Rows 11 & 12	In place sample
240-I-P/S-CS-011	240-CS-011	2/18/2014	A	22	240	co	5	<50	<50	<50	<50	160	<50	<50	<50	<50	160	0.16	Tunnel wall between Rows 11 & 12	In place sample
240-I-P/S-CS-012	240-CS-012	2/18/2014	A	22	240	co	3	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Tunnel wall between Rows 11 & 12	In place sample
240-I-P/S-SS-001	240-SS-001	11/20/2013	A	22	240	pg	6	<50	<50	<50	<50	280	<50	<50UJ	<50	<50	280	0.28	Pea gravel in N-S tunnel west end of Areas A,P & B	Pea gravel inside trench
240-I-P/S-SS-002	240-SS-002	11/20/2013	A	22	240	pg	6	<50	<50	<50	<50	1300	<50	120J	<50	<50	1420	1.42	Pea gravel in N-S tunnel west end of Areas A,P & B	Pea gravel inside trench
240-I-P/S-SS-003	240-SS-003	11/20/2013	A	22	240	pg	6	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Pea gravel in N-S tunnel west end of Areas A,P & B	Pea gravel inside trench
240-I-P/S-SS-004	240-SS-004	11/20/2013	A	22	240	pg	6	<50	<50	<50	<50	250	<50	140J	<50	<50	390	0.39	Pea gravel in N-S tunnel west end of Areas A,P & B	Pea gravel inside trench
240-I-P/S-SS-005	240-SS-005	11/20/2013	A	22	240	pg	6	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Pea gravel in N-S tunnel west end of Areas A,P & B	Pea gravel inside trench
250-I-P/S-CS-001	250-CS-001	11/21/2013	A	22	250	co	0	<250	<250	<250	<250	8400	<250	2400	<250	<250	10800	10.8	Black-stained concrete chip related to Structure 250, South of Press Pit #9	NA
250-I-P/S-SS-001	250-SS-001	11/21/2013	A	22	250	pg	0	<50	<50	<50	<50	220	<50	<50	<50	<50	220	0.22	Pea gravel from sump related to struct 119	NA
267-I-P/S-CS-001	267-CS-001	11/26/2013	116	ND	267	co	0	<50	<50	<50	<50	64	<50	<50UJ	<50	<50	64	0.064	Pit/sump, near ramp	NA
267-I-P/S-CS-002	267-CS-002	11/26/2013	116	ND	267	co	0	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Pit/sump, near ramp	NA
DC-371	DC-371	11/26/2013	NA	NA	267	co	0.25	<50	<50	<50	<50	90	<50	<50UJ	<50	<50	90	0.09	Pit/sump, near ramp, pink-stained	NA
268-I-P/S-CS-001	268-CS-001	12/10/2013	126	NA	268	co	1.5	<50	<50	<50	<50	730	<50	<50	<50	<50	730	0.73	Black	West end
268-I-P/S-CS-002	268-CS-002	12/10/2013	114/127	NA	268	co	1.5	<50	<50	<50	<50	75	<50	<50	<50	<50	<50	<0.05	NA	Middle area
268-I-P/S-CS-003	268-CS-003	12/10/2013	126	NA	268	co	1.5	<50	<50	<50	<50	75	<50	<50	<50	<50	75	0.075	NA	West end
268-I-P/S-CS-004	268-CS-004	12/10/2013	114/27	NA	268	co	1.5	<50	<50	<50	<50	56	<50	<50	<50	<50	<50	<0.05	NA	Middle area
272-I-P/S-CS-001	272-CS-001	11/27/2013	NA	ND	272	co	0	<50	<50	<50	<50	300	580	260J	<50	<50	1140	1.14	Concrete sample from interior of sump	NA
274-I-CS-CS-001	274-CS-001	12/3/2013	NA	NA	274	co	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Black-stained slab sample	NA
275-I-CS-CS-001	275-CS-001	12/3/2013	NA	NA	275	co	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Gray-stained slab sample	Bottom
286-I-P/S-CS-001	286-CS-001	2/18/2014	NA	NA	286	co	9	<50	<50	<50	<50	56	<50	<50	<50	<50	56	0.056	Floor of vault, West of Col. A, along North wall, along Fruitland	NA
333-I-F/CS-001	333-CS-001	12/17/2013	P	NA	333	co	12	<50	<50	<50	<50	130	<50	<50	<50	<50	130	0.13	F/F - stem	South wall
333-I-F/CS-002	333-CS-002	12/17/2013	P	NA	333	co	12	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	F/F - base	South wall
334-I-P/S-CS-001	334-CS-001	12/18/2013	A	22	334	co	1	<50	<50	<50	<50	16000	<50	540	<50	<50	16540	16.		

TABLE 2

CONCRETE SAMPLE RESULTS - PCBs
Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue
Vernon, California

EPA Test Method 8082, units in ug/kg, unless otherwise specified

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bsl)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262	PCB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks
336-I-P/S-CS-004	336-CS-004	12/17/2013	P	ND	336	co	0	<500	<500	<500	<500	2800	<500	1100	<500	<500	3900	3.9	NA	South wall
343-I-F/F-CS-001	343-CS-001	12/18/2013	NA	NA	343	co	7	<50	<50	<50	<50	1400	<50	84	<50	<50	1484	1.484	NA	NA
346-I-F/F-CS-001	346-CS-001	12/18/2013	ND	ND	346	co	4	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	NA
346-I-F/F-CS-002	346-CS-002	12/18/2013	ND	ND	346	co	4	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	NA
366-I-O-CS-001	366-CS-001	1/9/2014	A	NA	366	co	0	<50	<50	<50	<50	200	<50	96	<50	<50	296	0.296	Between Press Pit #8 and #9	North side
366-I-O-CS-002	366-CS-002	1/9/2014	A	NA	366	co	0	<1000	<1000	<1000	<1000	15000	<1000	4100	<1000	<1000	19100	19.1	Between Press Pit #8 and #9, pink-stained	Top side
366-I-O-CS-003	366-CS-003	1/9/2014	A	NA	366	co	0	<1000	<1000	<1000	<1000	27000	<1000	2300	<1000	<1000	29300	29.3	Between Press Pit #8 and #9, black-stained	South side
366-I-O-SS-001	366-SS-001	1/9/2014	A	NA	366	pg	1	<50	<50	<50	<50	100	<50	<50	<50	<50	100	0.1	Between Press Pit #8 and #9, pea gravel within channel (black/moist)	Pea gravel in channel of structure
372-I-O-CS-001	372-CS-001	1/9/2014	ND	NA	372	co	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Duct Bank with electrical conduits, stained slab	NA
376-I-F/F-CS-001	376-CS-001	1/13/2014	NA	NA	376	co	0	<50	<50	<50	<50	1300	<50	96	<50	<50	1396	1.396	Concrete from 3'x3' footing between Row 13 & 15	NA
382-I-F/F-CS-001	382-CS-001	1/13/2014	ND	NA	382	co	0	<50	<50	<50	<50	580	<50	74	<50	<50	654	0.654	Concrete from 3'x3' footing between Row 13 & 15	NA
393-I-F/F-CS-001	393-CS-001	1/13/2014	ND	NA	393	co	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Concrete from 3'x3' footing between Row 13 & 15	NA
401-I-P/S-CS-001	401-CS-001	1/15/2014	D	NA	401	co	0.5	<50	<50	<50	<50	4200	<50	200	<50	<50	4400	4.4	Concrete sump at East end of Structure 402	East End
401-I-P/S-O-001	401-O-001	1/13/2014	D	NA	401	pg	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Pea gravel from inside structure	East end
401-I-P/S-O-001	401-O-001	1/23/2014	D	NA	401	pg	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Pea gravel from inside structure	East end
401-I-P/S-O-002	401-O-002	1/23/2014	D	NA	401	pg	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Pea gravel sample from within structure	NA
402-I-P/S-CS-001	402-CS-001	1/15/2014	D	NA	402	co	0.5	<50	<50	<50	<50	330	<50	200	<50	<50	530	0.53	Concrete top of stretcher pit	Top
402-I-P/S-CS-002	402-CS-002	1/15/2014	D	NA	402	co	0.5	<50	<50	<50	<50	380	<50	230	<50	<50	610	0.61	Concrete top of stretcher pit	Top
402-I-P/S-SS-001	402-SS-001	1/13/2014	D	NA	402	pg	3	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Pea gravel, 60' West to 10' East of Column H, 10' South Row 12	Pea gravel inside structure
402-I-P/S-SS-002	402-SS-002	1/13/2014	D	NA	402	pg	3	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Pea gravel, 60' West to 10' East of Column H, 10' South of Row 12	Pea gravel inside structure
426-I-P/S-CS-001	426-CS-001	1/15/2014	169	NA	426	co	0	<50	<50	<50	<50	330	<50	100	<50	<50	430	0.43	Top	Top of structure, North side, East end
426-I-P/S-CS-002	426-CS-002	1/15/2014	169	NA	426	co	0	<50	<50	<50	<50	280	<50	<50	<50	<50	280	0.28	Top	Top of structure, North side, West end
426-I-P/S-CS-003	426-CS-003	1/15/2014	NA	NA	426	co	0	<50	<50	<50	<50	200	<50	<50	<50	<50	200	0.2	Top	Top of structure, West end, Center
426-I-P/S-CS-004	426-CS-004	1/15/2014	NA	NA	426	co	0	<50	<50	<50	<50	250	<50	70	<50	<50	320	0.32	Top	Top of structure, South side, West end
426-I-P/S-CS-005	426-CS-005	1/15/2014	NA	NA	426	co	0	<50	<50	<50	<50	54	<50	<50	<50	<50	54	0.054	Top	Top of structure, South end
426-I-P/S-CS-006	426-CS-006	1/15/2014	NA	NA	426	co	0	<50	<50	<50	<50	88	<50	<50	<50	<50	88	0.088	Top	Top of structure, East end
426-I-P/S-CS-007	426-CS-007	1/21/2014	NA	NA	426	co	0.8	<50	<50	<50	<50	91	<50	<50	<50	<50	91	0.091	Sidewall	Sidewall, West end
426-I-P/S-CS-008	426-CS-008	1/21/2014	NA	NA	426	co	0.8	<50	<50	<50	<50	59	<50	<50	<50	<50	59	0.059	Sidewall	Sidewall, West end
426-I-P/S-CS-009	426-CS-009	1/21/2014	NA	NA	426	co	2.5	<50	<50	<50	<50	87	<50	<50	<50	<50	87	0.087	Bottom	Floor
426-I-P/S-CS-010	426-CS-010	1/21/2014	NA	NA	426	co	2.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Bottom	Floor
426-I-P/S-CS-011	426-CS-011	1/21/2014	NA	NA	426	co	1.5	<50	<50	<50	<50	170	<50	<50	<50	<50	170	0.17	Sidewall	Sidewall, North side
426-I-P/S-CS-012	426-CS-012	1/21/2014	NA	NA	426	co	1.5	<50	<50	<50	<50	57	<50	<50	<50	<50	57	0.057	Sidewall	Sidewall, South side
426-I-P/S-CS-013	426-CS-013	1/21/2014	NA	NA	426	co	2.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Sidewall	Floor, East side
426-I-P/S-CS-014	426-CS-014	1/21/2014	NA	NA	426	co	1.2	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Sidewall	Sidewall, East side
426-I-P/S-CS-015	426-CS-015	1/21/2014	NA	NA	426	co	2.8	<50	<50	<50	<									

TABLE 2

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Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082, units in ug/kg, unless otherwise specified

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bsl)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262	PCB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks
DC-381	DC-381	1/21/2014	NA	NA	440	co	0.25	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Red concrete chips from Substation #1 area	North
442-I-P/S-CS-001	442-CS-001	1/23/2014	A	ND	442	co	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Sidewall, West of Column A/Row 2	NA
446-I-P/S-CS-001	446-CS-001	1/23/2014	A	ND	446	co	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Structure 446, bottom with pink-staining, West of Column A/Row 5	NA
446-I-P/S-CS-002	446-CS-002	1/23/2014	A	ND	446	co	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Sidewall of structure with black and gray-staining	NA
447-I-P/S-CS-001	447-CS-001	1/23/2014	A	ND	447	co	0	<50	<50	<50	<50	27000	<50	720	<50	<50	27720	27.72	Structure 447, bottom with black-staining, West of Column A/Row 5	NA
454-I-P/S-CS-001	454-CS-001	1/30/2014	A	NA	454	co	0	<500	<500	<500	<500	95000	<500	2800	<500	1600	99400	99.4	Magenta-stained sample (chip)	NA
455-I-P/S-CS-001	455-CS-001	1/23/2014	A	ND	455	co	0	<500	<500	<500	<500	120000	<500	2400	<500	<500	122400	122.4	Top of Structure 455 with pink-staining, Column A/Row 8	NA
455-I-P/S-CS-002	455-CS-002	1/23/2014	A	ND	455	co	0	<50	<50	<50	<50	51	<50	<50	<50	<50	51	0.051	Column A/Row 5 (black-staining)	NA
457-I-P/S-CS-001	457-CS-001	1/23/2014	A	ND	457	co	1	<50	<50	<50	<50	130	<50	95	<50	<50	225	0.225	Side sample Column A /Row 5	North sidewall
457-I-P/S-CS-002	457-CS-002	1/23/2014	A	ND	457	co	2	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Side sample Column A /Row 5	West sidewall, North end
506-I-P/S-CS-001	506-CS-001	2/5/2014	NA	22	506	co	0	<2500	<2500	<2500	<2500	9700	9700	6500J	<2500	<2500	25900	25.9	Inside bottom of Sump	Inside structure
506-I-P/S-CS-002	506-CS-002	2/5/2014	NA	22	506	co	0	<50	<50	<50	<50	1300	<50	140J	<50	<50	1440	1.44	Sidewall	Inside structure
507-I-P/S-CS-001	507-CS-001	2/5/2014	NA	22	507	co	0	<50	<50	<50	<50	1200	<50	150J	<50	<50	1350	1.35	Sidewall	Sidewall
507-I-P/S-CS-002	507-CS-002	2/5/2014	NA	22	507	co	0	<500	<500	<500	<500	6100	6500	1000J	<500	<500	13600	13.6	Sidewall	Sidewall
507-I-P/S-CS-003	507-CS-003	2/5/2014	NA	22	507	co	0	<50	<50	<50	<50	240	<50	<50UJ	<50	<50	240	0.24	Sidewall	Sidewall
508-I-P/S-CS-001	508-CS-001	2/5/2014	NA	22	508	co	0	<500	<500	<500	<500	16000	<500	3100J	<500	<500	19100	19.1	Sidewall	Sidewall
508-I-P/S-CS-002	508-CS-002	2/5/2014	NA	22	508	co	0	<50	<50	<50	<50	2000	<50	530J	<50	<50	2530	2.53	Sidewall	Sidewall
509-I-P/S-CS-001	509-CS-001	2/5/2014	B	22	509	co	0	<50	<50	<50	<50	190	210	93J	<50	<50	493	0.493	Sidewall	NA
509-I-P/S-CS-002	509-CS-002	2/5/2014	B	22	509	co	0	<500	<500	<500	<500	2000	1500	730J	<500	<500	4230	4.23	Sidewall	NA
524-I-P/S-CS-001	524-CS-001	2/6/2014	A	22	524	co	0	<500	<500	<500	<500	44000	<500	2800J	<500	<500	46800	46.8	Inside wall of sump, located West of tunnel structure 240	Associated with soil sample #820
524-I-P/S-CS-002	524-CS-002	2/6/2014	A	22	524	co	0	<500	<500	<500	<500	38000	<500	2600J	<500	<500	40600	40.6	Outside wall of sump, located West of tunnel structure 240	Associated with soil sample #820
541-I-F/F-CS-001	541-CS-001	2/17/2014	A	NA	541	co	0	<50	<50	<50	<50	68	<50	<50	<50	<50	68	0.068	Northeast of Press Pit #8, Row 1, by Structure 300, Wing wall attached to removed footing	NA
542-I-F/F-CS-001	542-CS-001	2/17/2014	A	NA	542	co	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Northeast of Press Pit #8, Row 1, Wing wall attached to removed footing	NA
543-I-F/F-CS-001	543-CS-001	2/17/2014	A	22	543	co	0	<50	<50	<50	<50	19000	<50	870	<50	<50	19870	19.87	Northeast of Press Pit #8, Row 1, Wing wall attached to removed footing	NA
544-I-F/F-CS-001	544-CS-001	2/17/2014	A	22	544	co	0	<50	<50	<50	<50	1700	<50	410	<50	<50	2110	2.11	Northeast of Press Pit #8, Row 1, West of Structure 300, Wing wall attached to removed footing	NA
545-I-F/F-CS-001	545-CS-001	2/17/2014	A	22	545	co	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Northeast of Press Pit #8, Row 1, Wing wall attached to removed footing	NA
548-I-P/S-CS-001	548-CS-001	2/18/2014	A	22	548	co	4	<500	<500	<500	<500	3600	<500	1100	<500	<500	4700	4.7	Tunnel, man-way wall, inside structure	Concrete samples collected at surface, tunnel not accessible
548-I-P/S-CS-002	548-CS-002	2/18/2014	A	22	548	co	6	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Tunnel, man-way floor, inside structure	Concrete samples collected at surface, tunnel not accessible
548-I-P/S-CS-003	548-CS-003	2/18/2014	A	22	548	co	5	<50	<50	<50	<50	240	<50	<50	<50	<50	240	0.24	Tunnel, man-way floor, outside structure	Concrete samples collected at surface, tunnel not accessible
548-I-P/S-CS-004	548-CS-004	2/20/2014	NA	22	548	co	3	<50	<50	<50	<50	60	<50	<50	<50	<50	60	0.06	Tunnel, wall of removed structure	Concrete samples collected at surface, tunnel not accessible
548-I-P/S-CS-005	548-CS-005	2/20/2014	NA	22	548	co	6	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Tunnel, floor of removed structure	Concrete samples collected at surface, tunnel not accessible
548-I-P/S-CS-006	548-CS-006	2/20/2014	NA	22	548	co	4	<50	<50	<50	<50	82	<50	<50	<50	<50	82	0.082	Tunnel, wall of removed structure	Concrete samples collected at surface, tunnel not accessible
548-I-P/S-CS-007	548-CS-007	2/20/2014	NA	22	548	co	5	<50	<50	<50	<50	97	<50	<50	<50	<50	97	0.097	Tunnel, floor of removed structure	Concrete samples collected at surface, tunnel not accessible
548-I-P/S-CS-008	548-CS-008	2/20/2014	NA	22	548	co	2	<50	<50	<50	<50	260	<50	<50	<50	<				

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3200 Fruitland Avenue

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548-I-P/S-CS-012	548-CS-012	2/20/2014	NA	22	548	co	3	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Tunnel, wall of removed structure	Concrete samples collected at surface, tunnel not accessible
548-I-P/S-CS-013	548-CS-013	2/20/2014	NA	22	548	co	5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Tunnel, floor of removed structure	Concrete samples collected at surface, tunnel not accessible
548-I-P/S-CS-014	548-CS-014	2/20/2014	NA	22	548	co	2	<50	<50	<50	<50	110	<50	<50	<50	<50	110	0.11	Tunnel, Inner wall of removed structure	Concrete samples collected at surface, tunnel not accessible
548-I-P/S-CS-015	548-CS-015	2/20/2014	NA	22	548	co	2	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Tunnel, outer wall of removed structure	Concrete samples collected at surface, tunnel not accessible
549-I-P/S-CS-001	549-CS-001	2/19/2014	A	22	549	co	0	<50	<50	<50	<50	150	<50	<50	<50	<50	150	0.15	Interior structure, West of tunnel/Structure 240	Near samples #346 and #347
549-I-P/S-CS-002	549-CS-002	2/19/2014	A	22	549	co	0	<50	<50	<50	<50	1800	<50	180	<50	<50	1980	1.98	Exterior structure, West of tunnel/Structure 240	Near samples #346 and #347
550-I-F/F-CS-001	550-CS-001	2/18/2014	A	22	550	co	5	<5000	<5000	<5000	<5000	42000	<5000	6100	<5000	<5000	48100	48.1	Pink-stained wing wall, West of tunnel/Structure 240	West of soil sample 87-I-P/S-SS-002
550-I-F/F-CS-002	550-CS-002	2/18/2014	A	22	550	co	8	<50	<50	<50	<50	1000	<50	220	<50	<50	1220	1.22	Black-stain at base of footing, West of tunnel/Structure 24C	West of soil sample 87-I-P/S-SS-002
551-I-F/F-CS-001	551-CS-001	2/19/2014	A	22	551	co	7	<500	<500	<500	<500	22000	<500	3100	<500	<500	25100	25.1	Footing, West of tunnel/Structure 240	West of soil sample 87-I-P/S-SS-004
551-I-F/F-CS-002	551-CS-002	2/19/2014	A	22	551	co	4	<50	<50	<50	<50	64	<50	<50	<50	<50	64	0.064	Footing, West of tunnel/Structure 240	West of soil sample 87-I-P/S-SS-004
552-I-P/S-CS-001	552-CS-001	2/20/2014	P	22	552	co	6.5	<50	<50	<50	<50	360	<50	60	<50	<50	420	0.42	Floor of removed structure, West of tunnel/Structure 240	In area of soil sample 548-I-P/S-SS-015 and 325 -I-P/S-SS-001 and -002
552-I-P/S-CS-002	552-CS-002	2/20/2014	P	22	552	co	0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Block of slurry from Structure 552 interior, West of tunnel/Structure 240	In area of soil sample 548-I-P/S-SS-015 and 325 -I-P/S-SS-001 and -002
552-I-P/S-CS-003	552-CS-003	2/20/2014	P	22	552	co	4	<50	<50	<50	<50	250	240	68	<50	<50	558	0.558	Inner wall of removed structure, West of tunnel/Structure 240	In area of soil sample 548-I-P/S-SS-015 and 325 -I-P/S-SS-001 and -002
552-I-P/S-CS-004	552-CS-004	2/20/2014	P	22	552	co	3.5	<50	<50	<50	<50	200	260	96	<50	<50	556	0.556	Outer wall of removed structure, West of tunnel/Structure 240	In area of soil sample 548-I-P/S-SS-015 and 325 -I-P/S-SS-001 and -002
553-I-F/F-CS-001	553-CS-001	2/19/2014	A	22	553	co	6	<5000	<5000	<5000	<5000	47000	<5000	7600	<5000	<5000	54600	54.6	Footing, West of tunnel/Structure 240	West of soil samples 548-I-P/S-SS-004, -018, and -025
553-I-F/F-CS-002	553-CS-002	2/19/2014	A	22	553	co	3	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Footing, West of tunnel/Structure 240	West of soil samples 548-I-P/S-SS-004, -018, and -025
554-I-F/F-CS-001	554-CS-001	2/19/2014	A	22	554	co	5	<25000	<25000	<25000	<25000	100000	<25000	27000	<25000	<25000	127000	127	Between soil samples 548-I-P/S-SS-003 and -019	Between soil samples 548-I-P/S-SS-003 and -019
554-I-F/F-CS-002	554-CS-002	2/19/2014	A	22	554	co	5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	West of tunnel/Structure 240	Between soil samples 548-I-P/S-SS-003 and -019
559-I-F/F-CS-001	559-CS-001	2/19/2014	B	22	559	co	8	<500	<500	<500	<500	84000	<500	7200	<500	<500	91200	91.2	NA	Between soil samples 548-I-P/S-SS-023 and #364
559-I-F/F-CS-002	559-CS-002	2/19/2014	B	22	559	co	6	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	Between soil samples 548-I-P/S-SS-003 and -019
#277	#277	9/25/2013	A	22	NA	pg	0	<50	<50	<50	<50	680	<50	<50	<50	<50	680	0.68	Pea Gravel, Grid 81, between Press Pit #2 and #3	Pea gravel
#377	#377	10/16/2013	A	22	NA	pg	5	<50	<50	<50	<50	63	<50	<50	<50	<50	63	0.063	Pea gravel from between Column B & C, 7' South of Row 1, Grid 3	Pea gravel inside structure
DC-343	DC-343	9/11/2013	A	NA	NA	co	0.25	<5000	<5000	<5000	<5000	26000	<5000	<5000	<5000	<5000	26000	26	Area 1 NE Portion	NA
DC-344	DC-344	9/16/2013	A	NA	NA	co	0	<5000	<5000	<5000	<5000	1300000	<5000	93000J	<5000	<5000	1393000	1393	Stockpile, Area 1, PCB concrete	NA
DC-345	DC-345	9/16/2013	A	NA	NA	co	0	<50000	<50000	<50000	<50000	7400000	<50000	640000J	<50000	<50000	8040000	8040	Stockpile, Area 1, PCB concrete	NA
DC-370	DC-370	11/25/2013	A	NA	NA	co	0.25	<50	<50	<50	<50	120	<50	<50	<50	<50	120	0.12	10' East of Column B/Row 9, pink concrete	NA
DC-383	DC-383	2/5/2014	A	NA	NA	co	0	<50	<50	<50	<50	1800	<50	600J	<50	<50	2400	2.4	Stockpile containing Structure 240 and adjacent to concrete slab	NA
DC-384	DC-384	2/5/2014	A	NA	NA	co	0	<50	<50	<50	<50	810	<50	330J	<50	<50	1140	1.14	Stockpile containing Structure 240 and adjacent to concrete slab	NA
DC-385	DC-385	2/5/2014	A	NA	NA	co	0	<500	<500	<500	<500	61000	<500	4500J	<500	<500	65500	65.5	Stockpile containing Structure 240 and adjacent to concrete slab	NA
DC-386	DC-386	2/5/2014	A	NA	NA	co	0	<50	<50	<50	<50	92	<50	<50UJ	<50	<50	92	0.092	Stockpile containing Structure 240 and adjacent to concrete slab	NA
DC-387	DC-387	2/5/2014	A	NA	NA	co	0	<1000	<1000	<1000	<1000	13000	<1000	2500J	<1000	<1000	15500	15.5	Stockpile containing Structure 240 and adjacent to concrete slab	NA
DC-388	DC-388	2/5/2014	A	NA	NA	co	0	<25000	<25000	<25000	<25000	300000	<25000	55000J	<25000	<25000	355000	355	Stockpile containing Structure 240 and adjacent to concrete slab	NA
DC-389																				

TABLE 2

CONCRETE SAMPLE RESULTS - PCBs

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082, units in ug/kg, unless otherwise specified

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bsl)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262	PCB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks
DC-390	DC-390	2/5/2014	A	NA	NA	co	0	<50	<50	<50	<50	800	640	270J	<50	<50	1710	1.71	Stockpile containing Structure 240 and adjacent to concrete slab	NA
DC-277	DC-277-A	8/9/2013	D	NA	NA	co	0.25	<200	<200	<200	<200	870	2200	790	--	<200	3860	3.86	NA	NA
DC-277	DC-277-B	8/9/2013	D	NA	NA	co	0.5	<20	<20	<20	<20	43	<20	<20	--	<20	43	0.043	NA	NA
DC-292	DC-292-A	8/20/2013	D	NA	NA	co	0.25	<200	<200	<200	<200	340	1600	1500	--	<200	3440	3.44	NA	NA
DC-292	DC-292-B	8/20/2013	D	NA	NA	co	0.5	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	NA	NA
DC-293	DC-293-A	8/20/2013	D	NA	NA	co	0.25	<100	<100	<100	<100	210	910	740	--	<100	1860	1.86	NA	NA
DC-293	DC-293-B	8/20/2013	D	NA	NA	co	0.5	<20	<20	<20	<20	160	84	22	--	<20	266	0.266	NA	NA
DC-278	DC-278-A	8/9/2013	P	NA	NA	co	0.25	<500	<500	<500	<500	3100	5300	1800	--	<500	10200	10.2	NA	NA
DC-278	DC-278-B	8/9/2013	P	NA	NA	co	0.5	<20	<20	<20	<20	240	170	59	--	<20	469	0.469	NA	NA
DC-279	DC-279-A	8/9/2013	P	NA	NA	co	0.25	<4000	<4000	<4000	<4000	44000	38000	12000	--	<4000	94000	94	NA	NA
DC-279	DC-279-B	8/9/2013	P	NA	NA	co	0.5	<20	<20	<20	<20	26	28	<20	--	<20	54	0.054	NA	NA
DC-280	DC-280-A	8/9/2013	P	NA	NA	co	0.25	<400	<400	<400	<400	3700	3500	1300	--	<400	8500	8.5	NA	NA
DC-280	DC-280-B	8/9/2013	P	NA	NA	co	0.5	<200	<200	<200	<200	2600	1600	410	--	<200	4610	4.61	NA	NA
DC-281	DC-281-A	8/9/2013	P	NA	NA	co	0.25	<400	<400	<400	<400	3700	6100	2000	--	<400	11800	11.8	NA	NA
DC-281	DC-281-B	8/9/2013	P	NA	NA	co	0.5	<20	<20	<20	<20	130	140	67	--	<20	337	0.337	NA	NA
DC-282	DC-282-A	8/9/2013	P	NA	NA	co	0.25	<100	<100	<100	<100	750	1000	290	--	<100	2040	2.04	NA	NA
DC-282	DC-282-B	8/9/2013	P	NA	NA	co	0.5	<20	<20	<20	<20	94	97	44	--	<20	235	0.235	NA	NA
DC-283	DC-283-A	8/9/2013	P	NA	NA	co	0.25	<100	<100	<100	<100	540	1200	550	--	<100	2290	2.29	NA	NA
DC-283	DC-283-B	8/9/2013	P	NA	NA	co	0.5	<20	<20	<20	<20	64	170	58	--	<20	292	0.292	NA	NA
DC-284	DC-284-A	8/9/2013	P	NA	NA	co	0.25	<100	<100	<100	<100	160	800	400	--	<100	1360	1.36	NA	NA
DC-290	DC-290-A	8/20/2013	P	NA	NA	co	0.25	<1000	<1000	<1000	<1000	15000	9100	2400	--	<1000	26500	26.5	NA	NA
DC-290	DC-290-B	8/20/2013	P	NA	NA	co	0.5	<1000	<1000	<1000	<1000	45000	29000	2800	--	<1000	76800	76.8	NA	NA
DC-294	DC-294-A	8/27/2013	P	NA	NA	co	0.25	<4000	<4000	<4000	<4000	11000	6500	<4000	--	<4000	17500	17.5	NA	NA
DC-294	DC-294-B	8/27/2013	P	NA	NA	co	0.5	<10000	<10000	<10000	<10000	31000	20000	<10000	--	<10000	51000	51	NA	NA
DC-295	DC-295-A	8/27/2013	P	NA	NA	co	0.25	<1000	<1000	<1000	<1000	2600	4000	3200	--	<1000	9800	9.8	NA	NA
DC-295	DC-295-B	8/27/2013	P	NA	NA	co	0.5	<1000	<1000	<1000	<1000	7200	2300	<1000	--	<1000	9500	9.5	NA	NA
DC-314	DC-314-A	9/5/2013	P	NA	NA	co	0.25	<2500	<2500	<2500	<2500	12000	11000	4400J	--	<2500	27400	27.4	NA	NA
DC-315	DC-315-A	9/5/2013	P	NA	NA	co	0.25	<500	<500	<500	<500	2000	3100	1400J	--	<500	6500	6.5	NA	NA
DC-315	DC-315-B	9/5/2013	P	NA	NA	co	0.5	<50	<50	<50	<50	80	<50	<50UJ	--	<50	80	0.08	NA	NA
DC-316	DC-316-A	9/5/2013	P	NA	NA	co	0.25	<50	<50	<50	<50	610	<50	460	--	<50	1070	1.07	NA	NA
DC-316	DC-316-B	9/5/2013	P	NA	NA	co	0.25	<50	<50	<50	<50	140	<50	<50	--	<50	140	0.14	NA	NA
DC-318	DC-318-A	9/5/2013	P	NA	NA	co	0.25	<50	<50	<50	<50	220	170	79J	--	<50	469	0.469	NA	NA
DC-318	DC-318-B	9/5/2013	P	NA	NA	co	0.25	<50	<50	<50	<50	3500	<50	330J	--	<50	3830	3.83	NA	NA
DC-319	DC-319-A	9/5/2013	P	NA	NA	co	0.25	<2500	<2500	<2500	<2500	9600	9400	4800J	--	<2500	23800	23.8	NA	NA
DC-320	DC-320-A	9/5/2013	P	NA	NA	co	0.25	<50	<50	<50	<50	15000	<50	560J	--	<50	15560	15.56	NA	NA
DC-321	DC-321-A	9/5/2013	P	NA	NA	co	0.25	<25000	<25000	<25000	<25000	4700000	<25000	170000J	--	<25000	4870000	4870	NA	NA
DC-321	DC-321-B	9/5/2013	P	NA	NA	co	0.25	<5000	<5000	<5000	<5000	480000	<5000	17000J	--	<5000	497000	497	NA	NA
DC-322	DC-322-A	9/5/2013	P	NA	NA	co	0.25	<500	<500	<500	<500	7900	<500	860J	--	<500	87			

TABLE 2

CONCRETE SAMPLE RESULTS - PCBs
Phase I Area - Pechiney Cast Plate, Inc. Facility

 3200 Fruitland Avenue
 Vernon, California

EPA Test Method 8082, units in ug/kg, unless otherwise specified

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bsl)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262	PCB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks	
DC-341	DC-341B	9/11/2013	P	NA	NA	co	0.25	<500	<500	<500	<500	130000	<500	3600J	--	<500	133600	133.6	NA	NA	
DC-342	DC-342	9/11/2013	P	NA	NA	co	0.25	<50	<50	<50	<50	2600	<50	83J	--	<50	2683	2.683	NA	NA	
DC-372	DC-372	1/8/2014	P	NA	NA	co	0.25	<50000	<50000	<50000	<50000	1200000	<50000	1200000	--	<50000	1320000	1320	Black, oily concrete between Structure 84 & Press Pit #3	NA	
DC-374	DC-374	1/13/2014	P	NA	NA	co	0.25	<500	<500	<500	<500	22000	<500	1600	--	<500	23600	23.6	Western Floor of structure, North of Structure 84 at Col. B & Row 14	Floor, West end	
DC-375	DC-375	1/13/2014	P	NA	NA	co	0.25	<5000	<5000	<5000	<5000	300000	<5000	18000	--	<5000	318000	318	Eastern floor of structure, North of Structure 84, 20' East of DC-374	Floor, East end	
DC-395	DC-395	2/20/2014	NA	22	NA	co	0.25	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	<0.05	Side of cylinder; near Structure 548	NA	
#421	#421	10/29/2013	NA	NA	NA	pg	0	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Pea gravel in Grid 94. Between Press Pit #2 and #3	Pea gravel inside/adjacent to structure
#642	#642	12/17/2013	19	NA	NA	pg	3	<50	<50	<50	<50	360	<50	52	--	<50	412	0.412	Pea gravel, 20' West of Column H/Row 3	NA	
DC-285	DC-285-A	8/9/2013	54	NA	NA	co	0.25	<20	<20	<20	<20	29	36	<20	--	<20	65	0.065	NA	NA	
DC-285	DC-285-B	8/9/2013	54	NA	NA	co	0.5	<20	<20	<20	<20	160	120	42	--	<20	322	0.322	NA	NA	
DC-286	DC-286-A	8/20/2013	66	NA	NA	co	0.25	<40	<40	<40	<40	95	89	47	--	<40	231	0.231	NA	NA	
DC-286	DC-286-B	8/20/2013	66	NA	NA	co	0.5	<200	<200	<200	<200	480	310	<200	--	<200	790	0.79	NA	NA	
DC-287	DC-287-A	8/20/2013	67	NA	NA	co	0.25	<20	<20	<20	<20	27	21	--	<20	48	0.048	NA	NA		
DC-288	DC-288-A	8/20/2013	68	NA	NA	co	0.25	<40	<40	<40	<40	320	340	270	--	<40	930	0.93	NA	NA	
DC-288	DC-288-B	8/20/2013	68	NA	NA	co	0.5	<200	<200	<200	<200	630	330	<200	--	<200	960	0.96	NA	NA	
DC-289	DC-289-A	8/20/2013	68	NA	NA	co	0.25	<20	<20	<20	<20	<20	<20	20	--	<20	20	0.02	NA	NA	
DC-291	DC-291-A	8/20/2013	69	NA	NA	co	0.25	<20	<20	<20	<20	150	320	460	--	<20	930	0.93	NA	NA	
DC-291	DC-291-B	8/20/2013	69	NA	NA	co	0.5	<20	<20	<20	<20	100	200	130	--	<20	430	0.43	NA	NA	
DC-296	DC-296	8/27/2013	22	NA	NA	co	0.25	<20	<20	<20	<20	79	36	27	--	<20	142	0.142	Pedestal/Pb impacted paint	NA	
DC-297	DC-297	8/27/2013	9	NA	NA	co	0.25	<20	<20	<20	<20	73	50	24	--	<20	147	0.147	Pedestal/Pb impacted paint	NA	
DC-300	DC-300	8/27/2013	121	NA	NA	co	0.25	<200	<200	<200	<200	650	640	1300	--	<200	2590	2.59	Pedestal/Pb impacted paint	NA	
DC-301	DC-301	8/27/2013	107	NA	NA	co	0.25	<200	<200	<200	<200	510	200	240	--	<200	950	0.95	Pedestal/Pb impacted paint	NA	
DC-302	DC-302	8/27/2013	107	NA	NA	co	0.25	<20	<20	<20	<20	84	70	78	--	<20	232	0.232	Pedestal/Pb impacted paint	NA	
DC-303	DC-303	8/27/2013	107	NA	NA	co	0.25	<20	<20	<20	<20	230	170	130	--	<20	530	0.53	Pedestal/Pb impacted paint	NA	
DC-304	DC-304	8/28/2013	16	NA	NA	co	0.25	<20	<20	<20	<20	42	24	<20	--	<20	66	0.066	Pedestal/Pb impacted paint	NA	
DC-305	DC-305	8/28/2013	16	NA	NA	co	0.25	<20	<20	<20	<20	660	290	86	--	<20	1036	1.036	Pedestal/Pb impacted paint	NA	
DC-306	DC-306	8/28/2013	3	NA	NA	co	0.25	<20	<20	<20	<20	620	430	170	--	<20	1220	1.22	Pedestal/Pb impacted paint	NA	
DC-307	DC-307	8/28/2013	15	NA	NA	co	0.25	<200	<200	<200	<200	420	1800	480	--	<200	2700	2.7	Pedestal/Pb impacted paint	NA	
DC-308	DC-308	8/28/2013	15	NA	NA	co	0.25	<20	<20	<20	<20	230	190	110	--	<20	530	0.53	Pedestal/Pb impacted paint	NA	
DC-309	DC-309	8/28/2013	2	NA	NA	co	0.25	<20	<20	<20	<20	89	62	35	--	<20	186	0.186	Pedestal/Pb impacted paint	NA	
DC-313	DC-313-A	9/5/2013	P	NA	NA	co	0.25	<500	<500	<500	<500	6700	6100	2700J	<500	<500	15500	15.5	NA	NA	
DC-317	DC-317-A	9/5/2013	96	NA	NA	co	0.25	<50	<50	<50	<50	130	<50	120	<50	<50	250	0.25	NA	NA	
DC-317	DC-317-B	9/5/2013	96	NA	NA	co	0.25	<50	<50	<50	<50	390	<50	73	<50	<50	463	0.463	NA	NA	
DC-336	DC-336	9/11/2013	95	NA	NA	co	0.25	<50	<50	<50	<50	73	<50	<50	<50	<50	73	0.073	NA	NA	
DC-338	DC-338	9/11/2013	94	NA	NA	co	0.25	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	NA	
DC-339	DC-339B	9/11/2013	128	NA	NA	co	0.25	<50	<50	<50	<50	200	<50	<50	<50	<50	200	0.2	NA	NA	
DC-373	DC-373	1/9/2014	72	NA	NA	co	0.25	<50	<50	<50	<50	4800	<50	140	<50	<50	4940	4.94	Concrete slab at Col. H/Row 12, with black & orange staining	NA	
DC-382	DC-382-1	1/21/2014	1	NA	NA	co	0.25	<500	<500												

TABLE 2

CONCRETE SAMPLE RESULTS - PCBs
Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue
Vernon, California

EPA Test Method 8082, units in ug/kg, unless otherwise specified

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bsl)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262	PCB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks
60-1-PP-0-002	60-O-002	10/23/2013	A	22	60	ot	0	<5000	<5000	<5000	<5000	66000	<5000	18000	<5000	<5000	84000	84	Press Pit #6, Black material on South wall	Press Pit #6, South wall with concrete
119-I-P/S-O-001	119-O-001	10/23/2013	A	22	119	ot	0	<500	<500	<500	<500	20000	<500	980	<500	<500	20980	20.98	NA	NA
549-I-P/S-O-001	549-O-001	2/18/2014	A	22	549	ot	1	<50	<50	<50	<50	140	<50	78	<50	<50	218	0.218	Sand inside structure, West of tunnel/Structure 240	Near samples #346 and #347
#278	#278	9/25/2013	A	22	NA	ot	0	<50	<50	<50	<50	750	<50	110J	<50	<50	860	0.86	Base Material. Grid 81, between Press Pit #2 and #3	East sidewall
446-I-P/S-O-001	446-O-001	1/23/2014	A	ND	446	ot	0	<50	<50	<50	<50	1500	<50	630	<50	<50	2130	2.13	White and black material in Structure 446, West of Column A/Row 4	NA
325-I-P/S-SS-001	325-SS-001	12/16/2013	P	22	325	ot	1	<500	<500	<500	<500	43000	<500	4300	<500	<500	47300	47.3	Grey base material within structure	Inside structure
325-I-P/S-SS-002	325-SS-002	12/16/2013	P	22	325	ot	7	<5000	<5000	<5000	<5000	92000	<5000	9200	<5000	<5000	101200	101.2	NA	Inside structure
185-I-F/F-O-001	185-O-001	11/4/2013	47	NA	185	ot	1	<100	<100	<100	<100	850	<100	1100J	<100	<100	1950	1.95	Contains pipe debris	NA
224-I-O-O-001	224-O-001	11/14/2013	103	NA	224	ot	0	<50	<50	<50	<50	300	<50	410	<50	82	1584	1.584	F-line pipe, Sediment from pipe, Column F/Row 15	Inside pipe
225-I-F/F-O-001	225-O-001	11/14/2013	73	ND	225	ot	1	<50	<50	<50	<50	700	1600	1800	<50	590	9380	9.38	Sediment from pipe on top of footing	NA
226-I-F/F-O-001	226-O-001	11/14/2013	86	ND	226	ot	0	<50	<50	<50	<50	130	<50	230	<50	54	828	0.828	Sediment from pipe on top of footing	NA
268-I-P/S-O-001	268-O-001	12/9/2013	126	NA	268	ot	0	<50	<50	<50	<50	760	<50	270	<50	<50	1030	1.03	Black material inside Structure 268 sump	West end
272-I-P/S-O-001	272-O-001	11/27/2013	NA	ND	272	ot	0	<50	<50	<50	<50	<50	330	280J	<50	<50	610	0.61	Soil sample from interior of sump	NA
375-I-P-O-001	375-O-001	1/9/2014	NA	NA	375	ot	0	<50	<50	<50	<50	340	470	450	<50	<50	1260	1.26	Orange goo inside 6-8" pipe	NA

Abbreviations

co = concrete

pg = pea gravel, rock, etc.

ot = other type of sample

< = not detected at the stated reporting limit

- = not analyzed

NA = not applicable

feet bsl = feet below slab

J = estimated value

ug/kg = microgram per kilogram

mg/kg = milligram per kilogram

Pb = lead

TABLE 3

SOIL SAMPLE RESULTS - PCBs

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082; units in ug/kg, unless otherwise specified

Sample Name	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Status	Sample Matrix	Sample Depth - Bottom (feet bsl)	Sample Elevation (approx. MSL)	POB 1016	POB 1221	PCB 1232	POB 1242	POB 1248	PCB 1254	POB 1260	POB 1262	POB 1268	Total PCBs (ug/g)	Total PCBs (mg/g)	Remarks	Depth Remarks
#962	#962	4/7/2014	NA	13	NA	V	so	5	182	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for Area 13 soil removal	NA
#963	#963	4/7/2014	NA	13	NA	V	so	5	182	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for Area 13 soil removal	NA
#300	#300	10/7/2013	A	16A/22	NA	V/E	so	5	182	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Soil removal Area 16A, center sample, Bottom	Bottom
#301	#301	10/7/2013	A	16A/22	NA	V/E	so	5	182	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Soil removal Area 16A, South sidewall	South sidewall
#302	#302	10/7/2013	A	16A/22	NA	E	so	5	182	<50	<50	<50	<50	5000	<50	260	<50	<50	5260	5.26	Soil removal Area 16A, East sidewall	East sidewall
#303	#303	10/7/2013	A	16A/22	NA	E	so	5	182	<50	<50	<50	<50	5900	<50	370	<50	<50	6270	6.27	Soil removal Area 16A, North sidewall	North sidewall
#304	#304	10/7/2013	A	16A/22	NA	E	so	5	182	<50	<50	<50	<50	2900	<50	130	<50	<50	3030	3.03	Soil removal Area 16A, West sidewall	West sidewall
#663	#663	1/8/2014	A	16B	NA	V	so	16	171	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples around #624, East of Press Pit #6	East sidewall
#664	#664	1/8/2014	A	16B	NA	V	so	21	166	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples around #624, East of Press Pit #6	Bottom, East-central end
#665	#665	1/8/2014	A	16B	NA	V	so	21	166	<50	<50	<50	<50	77	<50	<50	<50	<50	77	0.077	Verification samples around #624, East of Press Pit #6	Bottom, Northwest end
#666	#666-5	1/8/2014	A	16B	NA	V	so	5	182	<50	<50	<50	<50	54	<50	<50	<50	<50	54	0.054	Verification samples around #624, East of Press Pit #6	North sidewall
#666	#666-9	1/8/2014	A	16B	NA	V	so	9	178	<50	<50	<50	<50	87	<50	<50	<50	<50	87	0.087	Verification samples around #624, East of Press Pit #6	North sidewall
#667	#667	1/8/2014	A	16B	NA	V	so	18	169	<50	<50	<50	<50	1700	<50	180	<50	<50	1880	1.88	Verification samples around #624, East of Press Pit #6	South sidewall
#305	#305	10/7/2013	A	16B/22	NA	V/E	so	5	182	<50	<50	<50	<50	140	<50	<50	<50	<50	140	0.14	Soil removal Area 16B, Bottom Center	Bottom Center
#306	#306	10/7/2013	A	16B/22	NA	V/E	so	5	182	<50	<50	<50	<50	1200	<50	54	<50	<50	1254	1.254	Soil removal Area 16B, North sidewall	North sidewall
#307	#307	10/7/2013	A	16B/22	NA	V/E	so	5	182	<50	<50	<50	<50	140	<50	<50	<50	<50	140	0.14	Soil removal Area 16B, South sidewall	South sidewall
#308	#308	10/7/2013	A	16B/22	NA	E	so	5	182	<50	<50	<50	<50	4500	<50	310	<50	<50	4810	4.81	Soil removal Area 16B, East sidewall	East sidewall
#309	#309	10/7/2013	A	16B/22	NA	E	so	5	182	<5000	<5000	<5000	<5000	500000	<5000	11000	<5000	<5000	511000	511	Soil removal Area 16B, West sidewall	West sidewall
#310	#310	10/7/2013	A	16C/22	NA	E	so	3	184	<5000	<5000	<5000	<5000	200000	<5000	11000	<5000	<5000	211000	211	Soil removal Area 16C, Bottom, Center	Bottom, Center
#311	#311	10/7/2013	A	16C/22	NA	E	so	3	184	<50	<50	<50	<50	13000	<50	620	<50	<50	13620	13.62	Soil removal Area 16C, South sidewall	South sidewall
#312	#312	10/7/2013	A	16C/22	NA	V/E	so	3	184	<50	<50	<50	<50	120	<50	<50	<50	<50	120	0.12	Soil removal Area 16C, North sidewall	North sidewall
#313	#313	10/7/2013	A	16C/22	NA	V/E	so	3	184	<50	<50	<50	<50	720	<50	<50	<50	<50	720	0.72	Soil removal Area 16C, West sidewall	West sidewall
#314	#314	10/7/2013	A	16C/22	NA	E	so	3	184	<50	<50	<50	<50	21000	<50	860	<50	<50	21860	21.86	Soil removal Area 16C, East sidewall	East sidewall
#248	#248	9/12/2013	D	17	NA	V	so	0.3	186.7	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Grid 58, Area D	Below surface
#249	#249	9/12/2013	D	17	NA	V	so	0.3	186.7	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Grid 71, Area D	Below surface
#250	#250	9/12/2013	D	17	NA	E	so	0.3	186.7	<2500	<2500	<2500	<2500	100000	<2500	27000	<2500	<2500	127000	127	Grid 71, Area D	Below surface
#251	#251	9/12/2013	D	17	NA	E	so	0.3	186.7	<500	<500	<500	<500	6300	<500	1400	<500	<500	7700	7.7	Area D	Below surface
#252	#252	9/12/2013	D	17	NA	V	so	0.3	186.7	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Grid 57, Area D	Below surface
#269	#269	9/25/2013	D	17	NA	V	so	3	184	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample, North sidewall	North sidewall
#270	#270	9/25/2013	D	17	NA	V	so	3	184	<50	<50	<50	<50	<50	<50	<50	<50	<50	78	0.078	Verification sample, North sidewall	North sidewall
#271	#271	9/25/2013	D	17	NA	V	so	3	184	<50	<50	<50	<50	85	<50	<50	<50	<50	85	0.085	Verification sample, West sidewall	West sidewall
#272	#272	9/25/2013	D	17	NA	V	so	3	184	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample, South sidewall	South sidewall
#273	#273	9/25/2013	D	17	NA	V	so	5	182	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples, 40' West of Column G, 5' South of Row 34	Bottom
#274	#274	9/25/2013	D	17	NA	V	so	3	184	<50	<50	<50	&									

TABLE 3

SOIL SAMPLE RESULTS - PCBs

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Vernon, California

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32-I-P/S-SS-005	32-SS-005	11/21/2013	A	22	32	E	so	3	184	<50	<50	<50	<50	6200	<50	240	<50	<50	6440	6.44	Press Pit #8	East end on Northern sidewall adjacent Press Pit #8, SS-004
32-I-P/S-SS-006	32-SS-006	11/21/2013	A	22	32	V	so	4	183	<50	<50	<50	<50	280	<50	<50	<50	<50	280	0.28	Press Pit #8	East end on Northern sidewall, adjacent to Press Pit #8, SS-005
32-I-P/S-SS-007	32-SS-007	11/21/2013	A	22	32	E	so	5	182	<5000	<5000	<5000	<5000	3500000	<5000	71000	<5000	<5000	3571000	3571	Press Pit #8	East end on Northern sidewall, adjacent to Press Pit #8
32-I-P/S-SS-008	32-SS-008	11/21/2013	A	22	32	V	so	5	182	<50	<50	<50	<50	440	<50	<50	<50	<50	440	0.44	Press Pit #8	South of SS-003 on bench, adjacent to Press Pit #8
32-I-P/S-SS-009	32-SS-009	11/21/2013	A	22	32	V	so	2	185	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8	South of SS-002 on bench, adjacent to Press Pit #8 (5' BTOS, 2' below current grade)
32-I-P/S-SS-010	32-SS-010	11/21/2013	A	22	32	V	so	5	182	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	West end of bench, South of SS-001, adjacent Press Pit #8	West end of bench, South of SS-001, adjacent to Press Pit #8 (5' BTOS, 2' below current grade)
32-I-P/S-SS-011	32-SS-011	12/2/2013	A	22	32	V/E	so	4	183	<50	<50	<50	<50	880	<50	<50	<50	<50	880	0.88	Press Pit #8	North sidewall, East end
32-I-P/S-SS-012	32-SS-012	12/2/2013	A	22	32	E	so	4	183	<5000	<5000	<5000	<5000	470000	<5000	15000	<5000	<5000	485000	485	Press Pit #8	East sidewall, North end
32-I-P/S-SS-013	32-SS-013	12/2/2013	A	22	32	V/E	so	4	183	<50	<50	<50	<50	740	<50	<50	<50	<50	740	0.74	Press Pit #8	East sidewall, Center
32-I-P/S-SS-014	32-SS-014	12/2/2013	A	22	32	V/E	so	4	183	<50	<50	<50	<50	130	<50	<50	<50	<50	130	0.13	Press Pit #8	East sidewall, South end
32-I-P/S-SS-015	32-SS-015	12/2/2013	A	22	32	E	so	4	183	<50	<50	<50	<50	30000	<50	650	<50	<50	30650	30.65	Press Pit #8	South sidewall, East end
32-I-P/S-SS-016	32-SS-016	12/2/2013	A	22	32	E	so	9	178	<500	<500	<500	<500	140000	<500	4400	<500	<500	144400	144.4	Below Press Pit #8	Floor, East end, East of SS-001
32-I-P/S-SS-017	32-SS-017	1/30/2014	A	22	32	V	so	12	175	<50	<50	<50	<50	65	<50	<50	<50	<50	65	0.065	Press Pit #8, verification for SS-016 soil removal	East sidewall
32-I-P/S-SS-018	32-SS-018	1/30/2014	A	22	32	E	so	6	181	<500	<500	<500	<500	110000	<500	3000	<500	<500	113000	113	Press Pit #8, verification for SS-016 soil removal	East sidewall
32-I-P/S-SS-019	32-SS-019	1/30/2014	A	22	32	V	so	12	175	<50	<50	<50	<50	430	<50	<50	<50	<50	430	0.43	Press Pit #8, verification for SS-016 soil removal	Bottom
32-I-P/S-SS-020	32-SS-020	1/30/2014	A	22	32	V	so	12	175	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8, verification sample for SS-016 soil removal	Bottom
32-I-P/S-SS-021	32-SS-021	1/30/2014	A	22	32	V	so	9	178	<50	<50	<50	<50	1500	<50	<50	<50	<50	1500	1.5	Press Pit #8, verification sample for SS-015 soil removal	Sidewall
32-I-P/S-SS-022	32-SS-022	1/30/2014	A	22	32	E	so	5	182	<50	<50	<50	<50	16000	<50	320	<50	<50	16320	16.32	Press Pit #8, verification sample for SS-015 soil removal	Sidewall
32-I-P/S-SS-023	32-SS-023	1/30/2014	A	22	32	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8, verification sample for SS-007 soil removal	Bottom
32-I-P/S-SS-024	32-SS-024	1/30/2014	A	22	32	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8, verification sample for SS-007 soil removal	West sidewall
32-I-P/S-SS-025	32-SS-025	1/30/2014	A	22	32	V	so	4	183	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8, verification sample for SS-007 soil removal	West sidewall
32-I-P/S-SS-026	32-SS-026	1/30/2014	A	22	32	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8, verification sample for SS-007 soil removal	East sidewall
32-I-P/S-SS-027	32-SS-027	1/30/2014	A	22	32	V	so	4	183	<50	<50	<50	<50	53	<50	<50	<50	<50	53	0.053	Press Pit #8, verification sample for SS-007 soil removal	East sidewall
32-I-P/S-SS-028	32-SS-028	1/30/2014	A	22	32	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8, verification sample for SS-007 soil removal	North sidewall
32-I-P/S-SS-029	32-SS-029	1/30/2014	A	22	32	V	so	4	183	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8, verification sample for SS-007 soil removal	North sidewall
32-I-P/S-SS-030	32-SS-030	2/10/2014	A	22	32	V	so	10	177	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8, verification sample for SS-018 soil removal	Bottom; near SS-018
32-I-P/S-SS-031	32-SS-031	2/10/2014	A	22	32	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8, verification sample for SS-018 soil removal	Sidewall; near SS-018
32-I-P/S-SS-032	32-SS-032	2/13/2014	A	22	32	V	so	4	183	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8, verification sample for SS-022 soil removal	Sidewall; near depth of SS-015
32-I-P/S-SS-033	32-SS-033	2/13/2014	A	22	32	V	so	10	177	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #8, verification sample for SS-022 soil removal	Bottom; near SS-015
130911-0032-I-SS-001	32-SS-001	9/11/2013	A	22	32	E	so	10	177	<2000	<2000	<2000	<2000	200000	130000	4700	<2000	334700	334.7		Press Pit 8	NA
#565	#565	11/25/2013	A	22	32	E	so	3.5	183.5	<500	<500	<500	<500	170000	<500	8300	<500	<500	178300			

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60-I-P/S-SS-003	60-SS-003	2/17/2014	A	22	60	V	so	16	171	<50	<50	<50	<50	900	<50	87	<50	<50	987	0.987	Below Press Pit #6	Press Pit #6, Bottom, West end	
#331	#331	10/9/2013	A	22	61/62	D	so	0	187	<400	<400	<400	<400	33000	16000	3800	--	<400	52800	52.8	Press Pit 5 East Stockpile; soil	Stockpile	
#332	#332	10/9/2013	A	22	61/62	D	so	0	187	<20	<20	<20	<20	800	940	310	--	<20	2050	2.05	Press Pit 5 West Stockpile; soil	Stockpile	
#566	#566	11/25/2013	A	22	61/62	E	so	3.5	183.5	<500	<500	<500	<500	110000	<500	5300	<500	<500	115300	115.3	Press Pit #5/North Ramp	NA	
#567	#567	11/25/2013	A	22	61/62	E	so	3.5	183.5	<500	<500	<500	<500	150000	<500	9700	<500	<500	159700	159.7	Press Pit #5/North Ramp	NA	
#568	#568	11/25/2013	A	22	61/62	E	so	3.5	183.5	<500	<500	<500	<500	90000	<500	4600	<500	<500	94600	94.6	Press Pit #5/North Ramp	NA	
#569	#569	11/25/2013	A	22	61/62	V/E	so	3.5	183.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	Press Pit #5/North Ramp	NA	
#570	#570	11/25/2013	A	22	61/62	V	so	20	167	<50	<50	<50	<50	180	<50	<50	<50	<50	180	0.18	Press Pit #5/North	NA	
#571	#571	11/25/2013	A	22	61/62	V	so	20	167	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	Press Pit #5/North	NA	
#572	#572	11/25/2013	A	22	61/62	V/E	so	18.5	168.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	Press Pit #5/North	NA
#573	#573	11/25/2013	A	22	61/62	V/E	so	18.5	168.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	Press Pit #5/North	NA
#574	#574	11/25/2013	A	22	61/62	E	so	16	171	<5000	<5000	<5000	<5000	350000	<5000	23000	<5000	<5000	373000	373	Press Pit #5/North, nearby #620	East sidewall	
#575	#575	11/25/2013	A	22	61/62	E	so	10	177	<5000	<5000	<5000	<5000	340000	<5000	21000	<5000	<5000	361000	361	Press Pit #5/North	East sidewall	
#576	#576	11/25/2013	A	22	61/62	V/E	so	6	181	<50	<50	<50	<50	94	<50	<50	<50	<50	94	0.094	Press Pit #5/North	East sidewall	
62-I-P/S-SS-001	62-SS-001	1/15/2014	A	22	62	V	so	16	171	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Below Press Pit #5	Bottom, North end	
62-I-P/S-SS-002	62-SS-002	1/15/2014	A	22	62	V	so	16	171	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Below Press Pit #5	Bottom, South end	
62-I-P/S-SS-003	62-SS-003	1/15/2014	A	22	62	V	so	7	180	<50	<50	<50	<50	140	<50	<50	<50	<50	140	0.14	Press Pit #5, Sidewall	West sidewall, Center	
62-I-P/S-SS-004	62-SS-004	1/15/2014	A	22	62	V	so	10	177	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #5, Sidewall	South sidewall, East end	
62-I-P/S-SS-005	62-SS-005	1/15/2014	A	22	62	V	so	8	179	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #5, Sidewall	North sidewall, East end	
62-I-PP-SS-001	62-SS-001	10/28/2013	A	22	62	V	so	8	179	<50	<50	<50	<50	270	<50	<50	<50	<50	270	0.27	Press Pit #5	Floor, West end	
62-I-PP-SS-002	62-SS-002	10/28/2013	A	22	62	V	so	20	167	<50	<50	<50	<50	400	<50	<50	<50	<50	400	0.4	Press Pit #5, Bottom, Below SS-015,-016,-017	Floor, excavation below footing	
62-I-PP-SS-003	62-SS-003	10/28/2013	A	22	62	E	so	12	175	<5000	<5000	<5000	<5000	250000	<5000	20000	<5000	<5000	270000	270	Below Press Pit #5	Floor; under DC-162	
62-I-PP-SS-004	62-SS-004	10/28/2013	A	22	62	V/E	so	8	179	<50	<50	<50	<50	4200	<50	640	<50	<50	4840	4.84	Below Press Pit #5	Floor; below top of slab	
62-I-PP-SS-005	62-SS-005	10/28/2013	A	22	62	V	so	3	184	<50	<50	<50	<50	55	<50	<50	<50	<50	55	0.055	Press Pit #5, Sidewall	West sidewall, adjacent to block wall	
62-I-PP-SS-006	62-SS-006	10/28/2013	A	22	62	V	so	3	184	<50	<50	<50	<50	60	<50	<50	<50	<50	60	0.06	Press Pit #5, Sidewall	West sidewall, adjacent to block wall	
62-I-PP-SS-007	62-SS-007	10/28/2013	A	22	62	V	so	8	179	<50	<50	<50	<50	3400	<50	390	<50	<50	3790	3.79	Press Pit #5, Below SS-007	North sidewall, West end	
62-I-PP-SS-008	62-SS-008	10/28/2013	A	22	62	V	so	3	184	<50	<50	<50	<50	170	<50	<50	<50	<50	170	0.17	Press Pit #5, Top	North sidewall, West end	
62-I-PP-SS-009	62-SS-009	10/28/2013	A	22	62	E	so	15	172	<500	<500	<500	<500	32000	<500	2900	<500	<500	34900	34.9	Press Pit #5, Below SS-010	North sidewall, Center	
62-I-PP-SS-010	62-SS-010	10/28/2013	A	22	62	V	so	8	179	<50	<50	<50	<50	64	<50	<50	<50	<50	64	0.064	Press Pit #5, Below SS-011	North sidewall, Center	
62-I-PP-SS-011	62-SS-011	10/28/2013	A	22	62	E	so	3	184	<5000	<5000	<5000	<5000	28000	<5000	11000J	<5000	<5000	39000	39	Press Pit #5, Top	North sidewall, Center	
62-I-PP-SS-012	62-SS-012	10/28/2013	A	22	62	E	so	16	171	<250	<250	<250	<250	67000	<250	3100J	<250	<250	70100	70.1	Press Pit #5, Sidewall	North sidewall, East end	
62-I-PP-SS-013	62-SS-013	10/28/2013	A	22	62	V	so	8	179	<50	<50	<50	<50	150	<50	<50	<50	<50	150	0.15	Press Pit #5, Below SS-014	North sidewall, East end	

TABLE 3

SOIL SAMPLE RESULTS - PCBs

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082; units in ug/kg, unless otherwise specified

Sample Name	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Status	Sample Matrix	Sample Depth - Bottom (feet bsl)	Sample Elevation (approx. MSL)	POB 1016	POB 1221	PCB 1232	POB 1242	POB 1248	PCB 1254	POB 1260	POB 1262	PCB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks
118-I-P/S-SS-006	118-SS-006	12/18/2013	A	22	118	V	so	13	174	<50	<50	<50	<50	220	<50	<50	<50	<50	220	0.22	Press Pit #9	West Sidewall
118-I-P/S-SS-007	118-SS-007	12/18/2013	A	22	118	V	so	14	173	<250	<250	<250	<250	1600	1200	<220	<220	<220	2800	2.8	Press Pit #9	North Sidewall
118-I-P/S-SS-008	118-SS-008	12/18/2013	A	22	118	V	so	16	171	<50	<50	<50	<50	290	270	<50	<50	<50	560	0.56	Press Pit #9	North Sidewall
118-I-P/S-SS-009	118-SS-009	1/8/2014	A	22	118	V	so	18	169	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #9	Northwest Corner
118-I-P/S-SS-010	118-SS-010	1/8/2014	A	22	118	V	so	18	169	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #9	Southwest Corner
#630	#630	12/12/2013	A	22	118	V/E	so	6	181	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Soil island sidewall, around well, Press Pit #9	Soil island sidewall around well
#631	#631	12/12/2013	A	22	118	V/E	so	6	181	<50	<50	<50	<50	56	<50	<50UJ	<50	<50	56	0.056	Soil island sidewall, around well, Press Pit #9	Soil island sidewall around well
#632	#632	12/12/2013	A	22	118	E	so	10	177	<50	<50	<50	<50	7100	<50	440J	<50	<50	7540	7.54	Below Press Pit #9	Below Press Pit #9
#632	#632-8	1/8/2014	A	22	118	V	so	18	169	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Below slab	Below Press Pit #9
#936	#936	3/31/2014	A	22	154	V	so	12.5	174.5	<50	<50	<50	<50	820	<50	150	<50	<50	970	0.97	Under CS-009 concrete sample location	NA
#937	#937	3/31/2014	A	22	154	V	so	12	175	<51	<51	<51	<51	450	<51	<51	<51	<51	450	0.45	Under CS-010 concrete sample location	NA
#938	#938	3/31/2014	A	22	154	V	so	12	175	<50	<50	<50	<50	830	<50	69	<50	<50	899	0.899	Under East end of structure	East end
#939	#939	3/31/2014	A	22	154	V	so	12	175	<49	<49	<49	<49	760	<49	72	<49	<49	832	0.832	Under Northeast end of structure	Northeast end
#940	#940	3/31/2014	A	22	154	V	so	12	175	<50	<50	<50	<50	670	<50	71	<50	<50	741	0.741	Under Southeast end of structure	Southeast end
198-I-P/S-SS-003	198-SS-003	2/12/2014	A	22	198	V	so	5	182	<50	<50	<50	<50	85	<50	<50	<50	<50	85	0.085	Northwest of Press Pit #8	Below structure
198-I-P/S-SS-004	198-SS-004	2/12/2014	A	22	198	E	so	5	182	<50	<50	<50	<50	3800	<50	290J	<50	<50	4090	4.09	Northwest of Press Pit #8	Below structure
198-I-P/S-SS-005	198-SS-005	2/12/2014	A	22	198	V	so	5	182	<50	<50	<50	<50	500	<50	<50	<50	<50	500	0.5	Northwest of Press Pit #8	Below structure
198-I-P/S-SS-006	198-SS-006	2/18/2014	A	22	198	V	so	13	174	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Northwest of Press Pit #8, verification sample for SS-004 soil removal	Bottom
#827	#827	2/19/2014	A	22	198	V	so	5	182	<50	<50	<50	<50	<50	1400	990	<50	<50	2390	2.39	Between Column B & C, along Row 1	North sidewall by Structure 198
#827	#827-9	3/5/2014	A	22	198	V	so	7	180	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Deeper sample at #827	North wall of Area A by Structure 198
#828	#828	2/19/2014	A	22	198	V	so	5	182	<50	<50	<50	<50	<50	590	200	<50	<50	790	0.79	Between Column B & C, along Row 1	North sidewall by Structure 198
#828	#828-9	3/5/2014	A	22	198	V	so	8	179	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Deeper sample at #828	North wall of Area A by Structure 198
#829	#829	2/19/2014	A	22	198	V	so	5	182	<50	<50	<50	<50	430	620	130	<50	<50	1180	1.18	Between Column B & C, along Row 1	North sidewall by Structure 198
#829	#829-9	3/5/2014	A	22	198	V	so	7	180	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Deeper sample at #829	North wall of Area A by Structure 198
240-I-P/S-SS-006	240-SS-006	2/5/2014	A	22	240	E	so	7	180	<500uj	<500	<500	<500	59000	<500	4300J	<500	<500	63300	63.3	Under tunnel, outer wall	Outer wall of removed structure
240-I-P/S-SS-007	240-SS-007	2/5/2014	A	22	240	E	so	7	180	<5000uj	<5000	<5000	<5000	320000	<5000	23000J	<5000	<5000	343000	343	Under tunnel, floor of removed structure	Floor of removed structure
240-I-P/S-SS-008	240-SS-008	2/5/2014	A	22	240	E	so	10	177	<5000uj	<5000	<5000	<5000	460000	<5000	54000J	<5000	<5000	514000	514	Under tunnel	Outer wall of removed structure
240-I-P/S-SS-009	240-SS-009	2/5/2014	A	22	240	V/E	so	10	177	<50uj	<50	<50	<50	750	<50	140J	<50	<50	890	0.89	Under tunnel	Beneath tunnel
240-I-P/S-SS-010	240-SS-010	2/5/2014	A	22	240	E	so	10	177	<5000uj	<5000	<5000	<5000	34000	40000	22000J	<5000	<5000	96000	96	Under tunnel	Beneath tunnel
240-I-P/S-SS-011	240-SS-011	2/5/2014	A	22	240	V/E	so	10	177	<50uj	<50	<50	<50	130	180	120J	<50	<50	430	0.43	Under tunnel	Beneath tunnel
#754	#754	1/28/2014	A	22	240	V	so	2	185	<50	<50	<50	<50	1400	<50	53	<50	<50	1453	1.453	NA	West wall 6" from bottom
#814-2	#814-2	2/13/2014	A	22	240	V/E	so	2	185	<500	<500	<500	<500	<500	1900	1200	<500	<500	3100	3.1	Verification sample, stained Black, between Column B/Rows 1 & 2	West sidewall
#814-4	#814-4	2/13/2014	A	22	240	V	so	4	183	<50	<50	<50	<50	240	380							

TABLE 3

SOIL SAMPLE RESULTS - PCBs

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082; units in ug/kg, unless otherwise specified

Sample Name	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Status	Sample Matrix	Sample Depth - Bottom (feet bsl)	Sample Elevation (approx. MSL)	POB 1016	POB 1221	PCB 1232	POB 1242	POB 1248	POB 1254	POB 1260	POB 1262	POB 1268	Total PCBs (ug/g)	Total PCBs (mg/g)	Remarks	Depth Remarks	
#821	#821-4	2/13/2014	A	22	240	V	so	4	183	<50	<50	<50	<50	820	<50	110	<50	<50	930	0.93	Verification sample, stained Black, between Column B/Rows 1 & 2	West sidewall	
#822	#822-10	2/13/2014	A	22	240	V	so	10	177	<50	<50	<50	<50	2500	<50	250	<50	<50	2750	2.75	Verification sample, stained Black, between Column B/Rows 1 & 2	West sidewall	
#822	#822-4	2/13/2014	A	22	240	V	so	4	183	<50	<50	<50	<50	780	<50	110	<50	<50	890	0.89	Verification sample, stained Black, between Column B/Rows 1 & 2	West sidewall	
#823	#823	2/18/2014	A	22	240	V	so	7	180	<50	<50	<50	<50	2500	<50	300	<50	<50	2800	2.8	Verification for soil sample #815-4	Bottom	
#824	#824	2/18/2014	A	22	240	V	so	7	180	<50	<50	<50	<50	3800	<50	230	<50	<50	4030	4.03	Verification for soil sample #815-4	Sidewall	
#825	#825	2/18/2014	A	22	240	V	so	2	185	<50	<50	<50	<50	160	250	95	<50	<50	505	0.605	Verification for soil sample #814-2	Sidewall	
#826	#826	2/18/2014	A	22	240	V	so	4	183	<50	<50	<50	<50	1700	<50	450	<50	<50	2150	2.15	Verification for soil sample #814-2	Bottom	
250-I-P/SS-002	250-SS-002	11/21/2013	A	22	250	D	so	0	187	<500	<500	<500	<500	9200	<500	2100	<500	<500	11300	11.3	Gray-stained soil from sump related to Structure 119	NA	
334-I-P/SS-001	334-SS-001	12/18/2013	A	22	334	D	so	0	187	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	Material within Structure 334	Soil inside structure	
461-I-O-SS-001	461-SS-001	1/22/2014	A	22	461	D	so	0	187	<5000	<5000	<5000	<5000	110000	<5000	33000	<5000	<5000	143000	143	Pipe contents, close to Column A	Pipe shipped for disposal	
461-I-O-SS-001	461-SS-001	4/16/2014	A	22	461	D	so	0	187	<50	<50	<50	<50	170	<50	<50	<50	<50	170	0.17	Pipe contents, close to Column A	Pipe shipped for disposal	
461-I-O-SS-002	461-SS-002	1/22/2014	A	22	461	D	so	0	187	<500	<500	<500	<500	5400	<500	1200	<500	<500	6600	6.6	Pipe contents, close to Column A	Pipe shipped for disposal	
461-I-O-SS-002	461-SS-002	4/16/2014	A	22	461	D	so	0	187	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	Pipe contents, close to Column A	Pipe shipped for disposal
461-I-O-SS-003	461-SS-003	4/16/2014	A	22	461	V	so	4	183	<50	<50	<50	<50	170	<50	<50	<50	<50	170	0.17	Beneath pipe on Row 12	NA	
461-I-O-SS-004	461-SS-004	4/16/2014	A	22	461	V	so	4	183	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	Beneath pipe and Substation #8, between Rows 12 & 13	NA
461-I-O-SS-005	461-SS-005	4/16/2014	A	22	461	V	so	4	183	<50	<50	<50	<50	210	<50	<50	<50	<50	210	0.21	Beneath pipe on Row 15	NA	
461-I-O-SS-007	461-SS-007	4/21/2014	A	22	461	V	so	9	178	<50	<50	<50	<50	97	130	<50	<50	<50	227	0.227	Deeper sample below SS-004	NA	
461-I-O-SS-008	461-SS-008	4/21/2014	A	22	461	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	Deeper sample below SS-003	NA
505-I-P-SS-001	505-SS-001	2/3/2014	A	22	505	V	so	3	184	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	8 to 10" pipe, between Column C & H, storm drain	Below removed pipe
505-I-P-SS-002	505-SS-002	2/3/2014	A	22	505	V	so	3	184	<50	<50	<50	<50	75	<50	<50	<50	<50	75	0.075	8 to 10" pipe, between Column C & H, storm drain	Below removed pipe	
505-I-P-SS-003	505-SS-003	2/3/2014	A	22	505	V	so	3	184	<50	<50	<50	<50	160	<50	<50	<50	<50	160	0.16	8 to 10" pipe, between Column C & H, storm drain	Below removed pipe	
505-I-P-SS-004	505-SS-004	2/3/2014	A	22	505	V	so	3	184	<49	<49	<49	<49	<49	<49	<49	<49	<49	<49	<0.049	<0.049	8 to 10" pipe, between Column C & H, storm drain	Below removed pipe
750-I-O-SS-001	750-SS-001	4/29/2014	A	22	750	V	so	6	181	<50	<50	<50	<50	2100	<50	360	<50	<50	2460	2.46	Beneath pipe; near Row 20	NA	
750-I-O-SS-002	750-SS-002	4/29/2014	A	22	750	V	so	6	181	<50	<50	<50	<50	64	92	70	<50	<50	226	0.226	Beneath pipe; between Rows 17 & 18	NA	
750-I-O-SS-003	750-SS-003	4/29/2014	A	22	750	V	so	6	181	<50	<50	<50	<50	<50	130	150	<50	<50	280	0.28	Beneath pipe; Row 15	NA	
750-I-O-SS-004	750-SS-004	4/29/2014	A	22	750	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	Beneath pipe; between Rows 12 & 13	NA
750-I-O-SS-005	750-SS-005	4/29/2014	A	22	750	V	so	6	181	<50	<50	<50	<50	120	130	50	<50	<50	300	0.3	Beneath pipe; Row 10	NA	
750-I-O-SS-006	750-SS-006	5/5/2014	A	22	750	V	so	9	178	<50	<50	<50	<50	340	<50	140	<50	<50	480	0.48	Deeper sample below 750-I-O-SS-001; near Row 10	NA	
750-I-O-SS-007	750-SS-007	5/5/2014	A	22	750	V	so	9	178	<51	<51	<51	<51	<51	<51	<51	<51	<51	<51	<0.051	<0.051	Deeper sample below 750-I-O-SS-003; between Rows 17 & 18	NA
750-I-O-SS-008	750-SS-008	5/5/2014	A	22	750	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	Deeper sample below 750-I-O-SS-003; Row 15	NA
750-I-O-SS-009	750-SS-009	5/5/2014	A	22	750	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	Deeper sample below 750-I-O-SS-005; Row 10	NA
#537	#537	11/14/2013	A	22	NA	E	so	9	178	<500	&												

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#615	#615	12/12/2013	A	22	NA	E	so	2	185	<500	<500	<500	<500	34000	<500	1600J	<500	<500	35600	35.6	East Press Pit #5, Ramp	Along ramp, 60' East of Column C, a Row 9
#616	#616	12/12/2013	A	22	NA	V	so	4	183	<500	<500	<500	<500	23000	<500	1500J	<500	<500	24500	24.5	East Press Pit #5, Ramp	Along ramp, West of #615
#617	#617	12/12/2013	A	22	NA	V	so	8	180	<50	<50	<50	<50	6500	<50	510J	<50	<50	7010	7.01	East Press Pit #5, Ramp	Along ramp, West of #616
#618	#618	12/12/2013	A	22	NA	E	so	9	178	<50	<50	<50	<50	13000	<50	430J	<50	<50	13430	13.43	East Press Pit #5, Ramp	Along ramp, West of #617
#618	#618-6	1/8/2014	A	22	NA	V	so	18	169	<50	<50	<50	<50	160	<50	<50	<50	<50	160	0.16	East Press Pit #5, Ramp	Along ramp West of #617
#619	#619	12/12/2013	A	22	NA	E	so	10	177	<50	<50	<50	<50	2000	<50	130J	<50	<50	2130	2.13	NA	Along ramp, West of #618
#620	#620	12/12/2013	A	22	NA	E	so	12	175	<50	<50	<50	<50	800	<50	71J	<50	<50	871	0.871	NA	Sidewall on North side of ramp
#621	#621	12/12/2013	A	22	NA	E	so	12	175	<250	<250	<250	<250	17000	<250	960J	<250	<250	17960	17.96	NA	Sidewall on North side of ramp
#621	#621-3	1/8/2014	A	22	NA	V	so	18	169	<50	<50	<50	<50	51	<50	<50	<50	<50	51	0.051	NA	Northwest corner
#622	#622	12/12/2013	A	22	NA	V	so	10	177	<50	<50	<50	<50	1600	<50	120J	<50	<50	1720	1.72	Verification for soil removal around #565-569 area	Sidewall on North side of ramp
#623	#623	12/12/2013	A	22	NA	V	so	17	170	<50	<50	<50	<50	13000	<50	860J	<50	<50	13860	13.86	Verification for soil removal around #565-569 area	Sidewall, East side of pit
#624	#624	12/12/2013	A	22	NA	V	so	18	169	<5000	<5000	<5000	<5000	5100000	<5000	19000J	<5000	<5000	5119000	5119	Verification for soil removal around #565-569 area	Sidewall, East side of pit
#625	#625	12/12/2013	A	22	NA	V	so	4	183	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Verification for soil removal around #565-569 area	Sidewall of soil island
#626	#626	12/12/2013	A	22	NA	V	so	7	180	<50	<50	<50	<50	52	<50	<50UJ	<50	<50	52	0.052	Verification for soil removal around #565-569 area	Bench below soil removal
#627	#627	12/12/2013	A	22	NA	V	so	9	178	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Verification for soil removal around #565-569 area	Bench below soil removal
#628	#628	12/12/2013	A	22	NA	V	so	7	180	<50	<50	<50	<50	3400	<50	210J	<50	<50	3610	3.61	Bench below soil removal	Bench below soil removal
#629	#629	12/12/2013	A	22	NA	V	so	3	184	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Soil island sidewall	Soil island sidewall
#753	#753	1/28/2014	A	22	NA	V	so	2	185	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	North wall 6" from bottom
#760	#760	1/30/2014	A	22	NA	V	so	8	179	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Verification samples for soil removal at #616	Bottom
#761	#761	1/30/2014	A	22	NA	V	so	7	180	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Verification samples for soil removal at #616	North sidewall
#762	#762	1/30/2014	A	22	NA	V	so	7	180	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Verification samples for soil removal at #616	South sidewall
#763	#763	1/30/2014	A	22	NA	V	so	7	180	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Verification samples for soil removal at #616	East sidewall
#764	#764	1/30/2014	A	22	NA	V	so	7	180	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Verification samples for soil removal at #616	West sidewall
#765	#765	1/30/2014	A	22	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Verification samples for soil removal at #615	Bottom
#766	#766	1/30/2014	A	22	NA	V	so	5	182	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Verification samples for soil removal at #615	Northwest sidewall
#767	#767	1/30/2014	A	22	NA	V	so	5	182	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Verification samples for soil removal at #615	Northeast sidewall
59-I-P/S-SS-001	59-SS-001	12/18/2013	B	22	59	E	so	11	176	<500	<500	<500	<500	1100	4900	4400	<500	<500	10400	10.4	Below Structure 59	Bottom
59-I-P/S-SS-002	59-SS-002	12/18/2013	B	22	59	V	so	11	176	<50	<50	<50	<50	110	420	410	<50	<50	940	0.94	Below Structure 59	Bottom
59-I-P/S-SS-003	59-SS-003	1/8/2014	B	22	59	V	so	13	174	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples for soil removal at SS-001	Bottom, East End
59-I-P/S-SS-004	59-SS-004	1/8/2014	B	22	59	V	so	13	174	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples for soil removal at SS-001	Bottom, West End
59-I-P/S-SS-005	59-SS-005	1/8/2014	B	22	59	V	so	3	184	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples for soil removal at SS-001	East sidewall
59-I-P/S-SS-006	59-SS-006	1/8/2014	B	22	59	V	so	10	177	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples for soil removal at SS-001	West sidewall
59-I-P/S-SS-007	59-SS-007	1/8/2014	B	22	59	V	so	10	177	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples for soil removal at SS-001	South sidewall
59-I-P/S-SS-008	59-SS-008	1/8/2014	B	22	59	V	so	10	177	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples for soil removal at SS-001	North sidewall
167-I-P/S-SS-001	167-SS-001	10/30/2013	B	22	167	E	so	2.5	184.5	<200	<200	<200	<200	8300	4700	360	--	<200	13360	13.36	Oily sludge with solids found in top half/top layer of structure	Inside concrete sump
167-I-P/S-SS-002	167-SS-002	10/30/2013	B	22	167	E	so	2.5	184.5	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<0.2	Metal shavings with some oil, in bottom half of structure	Inside concrete sump
167-I-P/S-SS-003	167-SS-003	11/7/2013	B	22	167	V	so	2.5	184.5	<50	<50	<50	<50	84	<50	<50	<50	<50	84	0.084	Soil below sump after removal	Soil below sump
461-I-C-SS-006	461-SS-006	4/16/2014	B	22	461	V	so	4	183	<50	<50	<50	<50	100	200	110	<50	<50	410	0.41	Beneath pipe, between Rows 17 & 18.	NA
461-I-C-SS-009	461-SS-009	4/21/2014	B	22	461	V	so	9	178	<51	<51	<51	<51	950	<51	66	<51	<51	1016	1.016	Deeper sample below SS-001	NA
509-I-P/S-SS-001	509-SS-001	2/5/2014	B	22	509	E	so	6	181	<500uj	<500	<500	<500	1300	<500	6500J	<500	<500	7800	7.8	Under structure	Center
509-I-P/S-SS-002	509-SS-002	2/5/2014	B	22	509	V	so	6	181	<50uj	<50	<50	<50	170	<50	<50	<50	<50	170	0.17	Under structure	East end
509-I-P/S-SS-003	509-SS-003	2/20/2014	B	22	509	V	so	10	177	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<0.1	Verification Sidewall for SS-001 removal	South sidewall
509-I-P/S-SS-004	509-SS-004	2/20/2014	B	22	509	V	so	10	177	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<0.1	Verification Sidewall for SS-001 removal	West sidewall
509-I-P/S-SS-005	509-SS-005	2/20/2014	B	22	509	V	so	10	177	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<0.1	Verification Sidewall for SS-001 removal	North sidewall
509-I-P/S-SS-006	509-SS-006	2/20/2014	B	22	509	V	so	9	178	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<0.1	Verification Sidewall for SS-001 removal	East sidewall
509-I-P/S-SS-007	509-SS-007	2/20/2014	B	22	509	V	so	12	175	<100	<100	<100	<100	<100	<100	110j	<100	<100	110	0.11	Verification sample for SS-001 removal	Bottom
84-I-P/S-SS-002	84-SS-002	1/15/2014	P	22	84	V	so	5	182	<50	<50	<50	<50	76	<50	<50	<50	<50	76	0.076	Structure 84	South sidewall, East end
84-I-P/S-SS-003	84-SS-003	1/15/2014	P	22	84	V	so	12	175	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Structure 84	South sidewall, East end
84-I-P/S-SS-004	84-SS-004	1/15/2014	P	22	84	V	so															

TABLE 3

SOIL SAMPLE RESULTS - PCBs

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082; units in ug/kg, unless otherwise specified

Sample Name	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Status	Sample Matrix	Sample Depth - Bottom (feet bsl)	Sample Elevation (approx. MSL)	POB 1016	POB 1221	PCB 1232	POB 1242	POB 1248	POB 1254	POB 1260	POB 1262	POB 1268	Total PCBs (ug/g)	Total PCBs (mg/g)	Remarks	Depth Remarks	
130925-0084-I-P/S-SS-001	84-SS-001	9/25/2013	P	22	84	E	so	1	186	<500	<500	<500	<500	54000	<500	3400J	<500	<500	57400	57.4	NA	NA	
#559	#559	11/25/2013	P	22	221	V	so	19	168	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	East of Press Pit #2, verification sample related to #49S	NA	
#560	#560	11/25/2013	P	22	221	V	so	19	168	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	East of Press Pit #2, verification sample related to #49S	NA	
#561	#561	11/25/2013	P	22	221	V	so	17	170	<500	<500	<500	<500	87000	<500	4600	<500	<500	91600	91.6	East of Press Pit #2, verification sample related to #49S	NA	
#562	#562	11/25/2013	P	22	221	V	so	17	170	<50	<50	<50	<50	1400	<50	64	<50	<50	1464	1.464	East of Press Pit #2, verification sample related to #49S	NA	
#564	#564	11/25/2013	P	22	221	V	so	17	170	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	<0.05	East of Press Pit #2, verification sample related to #49S	NA
325-I-P/S-SS-003	325-SS-003	3/6/2014	P	22	325	E	so	7	180	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	Inside structure	
#340	#340	10/9/2013	P	22	NA	V	so	0.5	186.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification soil sample below concrete slab	Below concrete slab	
#341	#341	10/9/2013	P	22	NA	E	so	0.5	186.5	<50	<50	<50	<50	2000	<50	130	<50	<50	2130	2.13	Verification soil sample below concrete slab	Below concrete slab	
#342	#342	10/9/2013	P	22	NA	V	so	0.5	186.5	<50	<50	<50	<50	52	<50	<50	<50	<50	52	0.052	Verification soil sample below concrete slab	Below concrete slab	
#497	#497	11/7/2013	P	22	NA	V	so	10	177	<50	<50	<50	<50	1500	<50	240	<50	<50	1740	1.74	Between Press Pit #2 and #3, also near #277	Bottom	
#498	#498	11/7/2013	P	22	NA	V	so	10	177	<50	<50	<50	<50	190	<50	<50	<50	<50	190	0.19	Between Press Pit #2 and #3, also near #277	Bottom	
#941	#941	3/31/2014	P	22	NA	V	so	5.5	181.5	<50	<50	<50	<50	92	<50	<50	<50	<50	92	0.092	Under slab cut out area, between Rows 9 & 10, East of Column C	NA	
#941	#941-9	4/3/2014	P	22	NA	V	so	9	178	<51	<51	<51	<51	290	<51	<51	<51	<51	290	0.29	Beneath pink concrete	NA	
#942	#942	3/31/2014	P	22	NA	V	so	6	181	<50	<50	<50	<50	170	<50	<50	<50	<50	170	0.17	Under slab cut out area, between Rows 10 & 12, East of Col. C	NA	
#942	#942-9	4/3/2014	P	22	NA	V	so	9	178	<50	<50	<50	<50	130	<50	<50	<50	<50	130	0.13	Beneath pink concrete	NA	
#943	#943	3/31/2014	P	22	NA	V	so	5.5	181.5	<50	<50	<50	<50	420	<50	<50	<50	<50	420	0.42	Under slab cut out area, between Rows 10 & 11, East of Col. C	NA	
#943	#943-9	4/3/2014	P	22	NA	V	so	9	178	<50	<50	<50	<50	160	<50	<50	<50	<50	160	0.16	Beneath pink concrete	NA	
#944	#944	3/31/2014	P	22	NA	V	so	4	183	<49	<49	<49	<49	<49	<49	<49	<49	<49	<49	<0.049	Under slab cut out area, between Rows 11 & 12, East of Column C	NA	
#945	#945	3/31/2014	P	22	NA	V	so	7	180	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Under slab cut out area, between Rows 12 & 13, East of Column C	NA	
#946	#946	3/31/2014	P	22	NA	V	so	6.5	180.5	<50	<50	<50	<50	290	<50	<50	<50	<50	290	0.29	Under slab cut out area, between Rows 12 & 13, East of Column C	NA	
#946	#946-9	4/3/2014	P	22	NA	V	so	9	178	<50	<50	<50	<50	910	<50	110J	<50	<50	1020	1.02	Beneath pink concrete	NA	
#947	#947	3/31/2014	P	22	NA	V	so	6.5	180.5	<51	<51	<51	<51	140	<51	<51	<51	<51	140	0.14	Under former slab >50mg/kg, between Rows 11 & 12, East of Column C	NA	
#947	#947-9	4/3/2014	P	22	NA	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Beneath pink concrete	NA	
#948	#948	3/31/2014	P	22	NA	V	so	6	181	<50	<50	<50	<50	310	<50	61	<50	<50	371	0.371	Under slab cut out area, between Rows 11 & 12, East of Col. C	NA	
#948	#948-9.5	4/3/2014	P	22	NA	V	so	9.5	177.5	<50	<50	<50	<50	87	<50	<50	<50	<50	87	0.087	Beneath pink concrete	NA	
87-I-P/S-SS-002	87-SS-002	2/11/2014	NA	22	87	V	so	5	182	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #3 area soil samples	North sidewall	
87-I-P/S-SS-003	87-SS-003	2/11/2014	NA	22	87	V	so	9	178	<50	<50	<50	<50	58	<50	<50	<50	<50	58	0.058	Press Pit #3 area soil samples	Bottom, West end	
87-I-P/S-SS-004	87-SS-004	2/11/2014	NA	22	87	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #3 area soil samples	Bottom, Southwest	
87-I-P/S-SS-005	87-SS-005	2/11/2014	NA	22	87	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #3 area soil samples	South sidewall	
87-I-P/S-SS-006	87-SS-006	2/11/2014	NA	22	87	V	so	10	177	<50	<50	<50	<50	70	<20	240J	<50	<50	530	0.53	Press Pit #3 area soil samples	Bottom, North end	
87-I-P/S-SS-007	87-SS-007	2/11/2014	NA	22	87	V	so	7	180	<50	<50	<50	<50	62	<50	<50	<50	<50	62	0.062	Press Pit #3 area soil samples	NA	
87-I-P/S-SS-008	87-SS-008	2/11/2014	NA	22	87	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Press Pit #3 area soil samples	NA	
87-I-P/S-SS-009	87-SS-009	2/11/2014																					

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#904	#904	3/10/2014	NA	22	240	V	so	14	173	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples for soil removal 240-I-P/SS-010	Bottom
506-I-P/S-SS-001	506-SS-001	2/5/2014	NA	22	506	E	so	10	177	<5000uj	<5000	<5000	<5000	150000	<5000	14000J	<5000	<5000	164000	164	Collected under Structure 506	Soil below structure
507-I-P/S-SS-001	507-SS-001	2/5/2014	NA	22	507	E	so	5	182	<500uj	<50	<500	<500	17000	<500	2200J	<500	<500	19200	19.2	Collected under Structure 507	Center
507-I-P/S-SS-002	507-SS-002	2/5/2014	NA	22	507	V	so	6	181	<50uj	<50	<50	<50	1600	<50	270J	<50	<50	1870	1.87	Collected under Structure 507	East end
507-I-P/S-SS-003	507-SS-003	2/20/2014	NA	22	507	V/E	so	10	177	<100	<100	<100	<100	<100	160J	<100	--	<100	160	0.16	Verification Sidewall for SS-001 removal	South
507-I-P/S-SS-004	507-SS-004	2/20/2014	NA	22	507	V	so	10	177	<100	<100	<100	<100	560J	6700J	860J	--	<100	8120	8.12	Verification Sidewall for SS-001 removal	West
507-I-P/S-SS-005	507-SS-005	2/20/2014	NA	22	507	V	so	10	177	<100	<100	<100	<100	3300J	15000J	2400J	--	<100	20700	20.7	Verification Sidewall for SS-001 removal	North
507-I-P/S-SS-006	507-SS-006	2/20/2014	NA	22	507	V	so	10	177	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<0.1	Verification Sidewall for SS-001 removal	Bottom
507-I-P/S-SS-007	507-SS-007	2/20/2014	NA	22	507	V	so	13	174	<100	<100	<100	<100	400J	1500J	450J	--	<100	2350	2.35	Verification Sidewall for SS-001 removal, below SS-001	Bottom
#807	#807	2/5/2014	NA	22	507/508	V	so	6	181	<500uj	<50	<50	<50	400	400	120J	<50	<50	920	0.92	Between Structures 507 & 508	Wall of removed structure
#808	#808	2/5/2014	NA	22	507/508	V/E	so	6	181	<500uj	<50	<50	<50	480	470	210J	<50	<50	1160	1.16	Between Structures 507 & 508	Outer Wall of removed structure
508-I-P/S-SS-001	508-SS-001	2/5/2014	NA	22	508	V	so	6	181	<500uj	<50	<50	<50	660	<50	130J	<50	<50	790	0.79	Under structure	West end
508-I-P/S-SS-002	508-SS-002	2/5/2014	NA	22	508	V	so	6	181	<500uj	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Under structure	East end
#809	#809	2/5/2014	NA	22	508/509	E	so	6	181	<5000uj	<5000	<5000	<5000	18000	120000	140000J	<5000	<5000	278000	278	Between Structures 508 & 509	NA
#810	#810	2/5/2014	NA	22	508/509	V/E	so	6	181	<500uj	<50	<50	<50	300	380	230J	<50	<50	910	0.91	Between Structures 508 & 509	NA
548-I-P/S-SS-001	548-SS-001	2/20/2014	NA	22	548	E	so	6	181	<100	<100	<100	<100	30000J	80000J	7500J	--	<100	117500	117.5	Under vault attached to tunnel, Row 16	Bottom, South
548-I-P/S-SS-002	548-SS-002	2/20/2014	NA	22	548	E	so	7	180	<100	<100	<100	<100	130000J	150000J	21000J	--	<100	301000	301	Under tunnel; near Row 16	Bottom, South
548-I-P/S-SS-003	548-SS-003	2/20/2014	NA	22	548	E	so	10	177	<100	<100	<100	<100	39000J	35000J	3800J	--	<100	77800	77.8	Under tunnel; near Row 15	Bottom, South
548-I-P/S-SS-004	548-SS-004	2/20/2014	NA	22	548	E	so	10	177	<100	<100	<100	<100	200000J	170000J	13000J	--	<100	383000	383	Under tunnel; near Row 14	Bottom, Central
548-I-P/S-SS-005	548-SS-005	2/20/2014	NA	22	548	E	so	7	180	<100	<100	<100	<100	5900J	11000J	800J	--	<100	17700	17.7	Under tunnel; near Row 14	Bottom, Central
548-I-P/S-SS-006	548-SS-006	2/20/2014	NA	22	548	V/E	so	6	181	<100	<100	<100	<100	270J	220J	<100	--	<100	490	0.49	Under tunnel; near Row 14	Bottom, Central
548-I-P/S-SS-007	548-SS-007	2/20/2014	NA	22	548	V/E	so	6	181	<100	<100	<100	<100	160J	200J	<100	--	<100	360	0.36	Under tunnel; near Row 14	Bottom, West-Central
548-I-P/S-SS-008	548-SS-008	2/20/2014	NA	22	548	V/E	so	6	181	<100	<100	<100	<100	310J	370J	<100	--	<100	680	0.68	Under tunnel; near Row 14	Bottom, Northwest
548-I-P/S-SS-009	548-SS-009	2/20/2014	NA	22	548	V/E	so	6	181	<100	<100	<100	<100	640J	670J	120J	--	<100	1430	1.43	Under tunnel	Bottom, Northwest
548-I-P/S-SS-010	548-SS-010	2/20/2014	NA	22	548	V/E	so	6	181	<100	<100	<100	<100	470J	610J	110J	--	<100	1190	1.19	Under tunnel	Bottom, Northwest
548-I-P/S-SS-011	548-SS-011	2/20/2014	NA	22	548	V/E	so	6	181	<50	<50	<50	<50	370	<50	<50	<50	<50	370	0.37	Under tunnel	Bottom, Northwest
548-I-P/S-SS-012	548-SS-012	2/20/2014	NA	22	548	V/E	so	6	181	<50	<50	<50	<50	380	<50	<50	<50	<50	380	0.38	Under tunnel	Bottom, Northwest
548-I-P/S-SS-013	548-SS-013	2/20/2014	NA	22	548	V/E	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Under vault, attached to tunnel	Bottom, Northwest	
548-I-P/S-SS-014	548-SS-014	2/27/2014	NA	22	548	V	so	10	177	<50	<50	<50	<50	9400	<50	600J	<50	<50	10000	10	Verification sample for soil removal under tunnel, 548, by SS-005; near Row 14	Bottom, North end
548-I-P/S-SS-015	548-SS-015	2/27/2014	NA	22	548	V	so	9	178	<50	<50	<50	<50	660	<50	71J	<50	<50	731	0.731	Verification sample for soil removal under tunnel, 548, North of SS-005	North sidewall
548-I-P/S-SS-016	548-SS-016	2/27/2014	NA	22	548	E	so	9	178	<49	<49	<49	<49	5600	<49	370J	<49	<49	5970	5.97	Verification sample for soil removal under tunnel, 548	West sidewall
548-I-P/S-SS-017	548-SS-017	2/27/2014	NA	22	548	V	so															

TABLE 3

SOIL SAMPLE RESULTS - PCBs

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082; units in ug/kg, unless otherwise specified

Sample Name	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Status	Sample Matrix	Sample Depth - Bottom (feet bsl)	Sample Elevation (approx. MSL)	POB 1016	POB 1221	PCB 1232	POB 1242	POB 1248	POB 1254	POB 1260	POB 1262	POB 1268	Total PCBs (ug/g)	Total PCBs (mg/g)	Remarks	Depth Remarks	
#678	#678	1/13/2014	NA	29	NA	E	so	4	183	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Below 3'x3' footing, hydrocarbon odor, gray-staining, Row 14 40' East of Column C	NA	
#679	#679	1/13/2014	NA	29	NA	E	so	4	183	<50	<50	<50	<50	3700	<50	210	<50	<50	3910	3.91	Below 3'x3' footing, hydrocarbon odor, gray-staining, Row 14 40' East of Column C	NA	
#680	#680	1/13/2014	NA	29	NA	V	so	4	183	<50	<50	<50	<50	2700	<50	160	<50	<50	2860	2.86	Below 3'x3' footing, hydrocarbon odor, gray-staining, Row 14 40' East of Column C	NA	
#695	#695	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #680	Bottom	
#696	#696	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #680	West wall, near Bottom	
#697	#697	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	69	<50	<50	<50	<50	69	0.069	verification sample for soil removal at #680	North wall, near Bottom	
#697	#697-9	1/28/2014	NA	29	NA	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #680 and deeper at #697	North wall, near Bottom	
#698	#698	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	54	<50	<50	<50	<50	54	0.054	Verification sample for soil removal at #680	South wall, near Bottom	
#698	#698-9	1/28/2014	NA	29	NA	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #680 and deeper at #698	South wall, near Bottom	
#699	#699	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #680	East wall, near Bottom	
#700	#700	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #677	West wall, near Bottom	
#701	#701	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #677	Bottom	
#702	#702	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #677	North wall, near Bottom	
#703	#703	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #677	South wall, near Bottom	
#704	#704	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #677	East wall, near Bottom	
#705	#705	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #679	Bottom	
#706	#706	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #679	East wall, near Bottom	
#707	#707	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	200	<50	<50	<50	<50	200	0.2	Verification sample for soil removal at #679	North Wall, near Bottom	
#707	#707-9	1/28/2014	NA	29	NA	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #679 and deeper at #707	North wall, near Bottom	
#708	#708	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	59	<50	<50	<50	<50	59	0.059	Verification sample for soil removal at #679	South Wall, near Bottom	
#708	#708-9	1/28/2014	NA	29	NA	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #679 and deeper at #708	South wall, near Bottom	
#709	#709	1/20/2014	NA	29	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for soil removal at #679	West wall, near Bottom	
130904-0001-I-SS-001	1-SS-001	9/4/2013	457	NA	1	NA	so	4	183	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	NA	
130904-0001-I-SS-002	1-SS-002	9/4/2013	157	NA	1	NA	so	4	183	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	NA	
130905-0012-I-SS-001	12-SS-001	9/9/2013	12	NA	12	NA	so	5	182	<50	<50	<50	<50	<50	<50	<50	62J	<50	<50	62	0.062	Structure from Grid 12	NA
130919-0061-I-PP-S01	61-P-501	9/19/2013	NA	NA	61	NA	so	0.5	186.5	<50	<50	<50	<50	620	<50	83J	<50	<50	703	0.703	--	--	
130924-0080-I-SS001	80-SS-001	9/24/2013	A	NA	80	V	so	0	187	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Soil sample from/near Stucture 80	NA	
#484	#484	11/5/2013	NA	NA	103	V	so	2.5	184.5	<50	<50	<50	<50	57	<50	<50	<50	<50	57	0.057	Below pipe, 5' East of Column D/Row 4	NA	
#484	#484-9	11/11/2013	NA	NA	103	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	NA	
#485	#485	11/5/2013	NA	NA	103	V	so	1	186	<50	<50	<50	<50	640	<50	<50	<50	<50	640	0.64	35' South of #484, below pipe, 5' East of Column D	NA	
#485	#485-9	11/11/2013	NA	NA	103	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	NA	
#553	#553	11/18/2013	ND	NA	196	V	so	0	187	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Stockpile	NA	
208-I-O-SS-003	208-SS-003	11/18/2013	101	NA	208	V	so	3	184	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Below E-line pipe, South side of Column E/Row 19	NA	
208-I-O-SS-004	20																						

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208-I-P-SS-005	208-SS-005	12/4/2013	23	NA	208	V	so	3	184	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Beneath E-line pipe, at Column E/Row 3	NA	
219-I-P-SS-003	219-SS-003	11/14/2013	47/60	NA	219	V	so	2.5	184.5	<50	<50	<50	<50	740	<50	110	<50	<50	850	0.85	Beneath pit/sump	Soil below structure
219-I-P-SS-004	219-SS-004	11/19/2013	47/60	NA	219	V	so	8	179	<50	<50	<50	<50	120	<50	<50	<50	<50	120	0.12	Sample beneath Structure 219, near #452, below SS-003	NA
#451	#451	11/5/2013	47/60	NA	219	V	so	2.5	184.5	<50	<50	<50	<50	610	<50	120J	<50	<50	730	0.73	Southern sample located beneath 15'x15' pink-stained concrete footprint	NA
#451	#451-9	11/11/2013	47/60	NA	219	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Deeper verification sample for #451	NA
#452	#452	11/5/2013	47/60	NA	219	V	so	2.5	184.5	<50	<50	<50	<50	160	<50	<50	<50	<50	160	0.16	Northern sample located beneath 15'x15' pink-stained concrete footprint	NA
#452	#452-9	11/11/2013	47/60	NA	219	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Deeper verification sample for #452	NA
#563	#563	11/25/2013	P	NA	221	V	so	17	170	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	East of Press Pit #2, verification sample related to #499	NA
221-I-P-SS-002	221-SS-002	4/7/2014	P	NA	221	V	so	11	176	<50	<50	<50	<50	800	<50	190	<50	<50	990	0.99	Verification sample under structure Press Pit #2	Bottom, West
221-I-P-SS-003	221-SS-003	4/7/2014	P	NA	221	V	so	11	176	<250	<250	<250	<250	260	<250	<250	<250	<250	260	0.26	Verification sample under structure Press Pit #2	Bottom, Middle
221-I-P-SS-004	221-SS-004	4/7/2014	P	NA	221	V	so	10	177	<50	<50	<50	<50	470	<50	100	<50	<50	570	0.57	Verification sample under structure Press Pit #2	Bottom, East
224-I-O-SS-001	224-SS-001	11/14/2013	103	NA	224	V	so	3	184	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	F-line pipe, below pipe, Column F/Row 15	South side
224-I-P-SS-002	224-SS-002	11/26/2013	116	NA	224	V	so	3	184	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	F-line pipe, beneath pipe at Column F/Row 18	Below pipe
224-I-P-SS-003	224-SS-003	1/9/2014	129	NA	224	V	so	6	181	<50	<50	<50	<50	170	<50	<50	<50	<50	170	0.17	F-line pipe, Row 21/20	North end
224-I-P-SS-006	224-SS-006	1/14/2014	129	NA	224	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	F-line pipe	Below pipe
268-I-P-SS-001	268-SS-001	12/9/2013	126	NA	268	V	so	0	187	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Soil stained	West end
268-I-P-SS-002	268-SS-002	12/9/2013	113/126	NA	268	V	so	4	183	<50	<50	<50	<50	440	<50	190	<50	<50	630	0.63	Gray-stained	Middle area
268-I-P-SS-003	268-SS-003	12/16/2013	126	NA	268	V	so	8	179	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Beneath sample SS-002	Middle area
273-I-CS-SS-001	273-SS-001	12/3/2013	11	NA	273	V	so	1	186	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Below pink-stained concrete	Below slab
273-I-CS-SS-002	273-SS-002	12/3/2013	11	NA	273	V	so	1	186	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Below pink-stained concrete	Below slab
274-I-CS-SS-001	274-SS-001	12/3/2013	NA	NA	274	E	so	1	186	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	NA	NA
275-I-CS-SS-001	275-SS-001	12/3/2013	NA	NA	275	E	so	3	184	<500	<500	<500	<500	6800	<500	<500	<500	<500	6800	6.8	NA	Below structure
275-I-CS-SS-002	275-SS-002	12/9/2013	NA	NA	275	V	so	2	185	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for SS-001	South side
275-I-CS-SS-003	275-SS-003	12/9/2013	NA	NA	275	V	so	2	185	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for SS-001	West side
275-I-CS-SS-004	275-SS-004	12/9/2013	NA	NA	275	V	so	2	185	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for SS-001	North side
275-I-CS-SS-005	275-SS-005	12/9/2013	NA	NA	275	V	so	2	185	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for SS-001	East side
275-I-CS-SS-006	275-SS-006	12/9/2013	NA	NA	275	V	so	2	185	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for SS-001	Bottom
275-I-CS-SS-007	275-SS-007	12/9/2013	NA	NA	275	V	so	2	185	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample for SS-001	Bottom
300-I-P-SS-007	300-SS-007	2/10/2014	NA	NA	300	V	so	10	177	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at SS-006	North side
300-I-P-SS-008	300-SS-008	2/10/2014	NA	NA	300	V	so	10	177	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at SS-006	South side
300-I-P-SS-009	300-SS-009	2/10/2014	NA	NA	300	V	so	10	177	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at SS-006	West side
300-I-P-SS-010	300-SS-010	2/10/2014	NA	NA	300	V	so	10	177	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at SS-006	East side
300-I-P-SS-011	300-SS-011	2/10/2014	NA	NA	300	V	so	11	176	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at SS-006	Below SS-006
300-I-P-SS-001	300-SS-001	12/5/2013	NA	NA	300	V	so	1	186	<25000	<25000	<25000	<25000	5200000	<25000	130000	<25000	<25000	5330000	5330	Beneath pink pipe	Below pipe
300-I-P-SS-002	300-SS-002	12/5/2013	NA	NA	300	V	so	1	186	<500	<500	<500	<500	29000	<500	2700	<500	<500	31700	31.7	Beneath pink pipe	Below pipe
300-I-P-SS-003	300-SS-003	2/3/2014	NA	NA	300	V	so	3	184	<50	<50	<50	<50	210	<50	200	<50	<50	410	0.41	Under pipe, adjacent to block wall, on Fruitland	Below pipe, at East side
300-I-P-SS-004	300-SS-004	2/3/2014	NA	NA	300	V/E	so	5	182	<50	<50	<50	<50	1400	<50	57	<50	<50	1457	1.457	Under pipe, adjacent to SS-001, after soil removal	Below pipe
300-I-P-SS-005	300-SS-005	2/3/2014	NA	NA	300	V	so	5.5	181.5	<50	<50	<50	<50	79	<50	75	<50	<50	154	0.154	Below pipe, adjacent to duct bank, after soil removal	Below pipe
300-I-P-SS-006	300-SS-006	2/3/2014	NA	NA	300	E	so	5	182	<50	<50	<50	<50	11000	<50	620	<50	<50	11620	11.62	Under pipe, adjacent to block wall, on Fruitland	Below pipe
375-I-P-SS-002	375-SS-002	2/10/2014	NA	NA	375	V	so	10	177	<50	<50	<50	<50	140J	<50	140J	<50	<50	2640	2.64	Verification sample below SS-001	NA
375-I-P-SS-001	375-SS-001	2/3/2014	NA	NA	375	E	so	1	186	<50	<50	<50	<50	2500	<50	140J	<50	<50	2640	2.64	Beneath steel pipe containing orange goo	Below pipe
401-I-P-SS-001	401-SS-001	1/21/2014	D	NA	401	V	so	0.5	186.5	<50	<50	<50	<50	180	<50	<50	<50	<50	180	0.18	0.5' below grade	NA
401-I-P-SS-002	401-SS-002	1/30/2014	D	NA	401	V	so	9	178	<50	<50	<50	<50	<50	<50	<50UJ	<50	<50	<50	<0.05	Deeper sample under SS-001	Deeper sample under SS-001
402-I-P-SS-003	402-SS-003	1/21/2014	D	NA	402	V	so	0.5	186.5	<50	<50	<50	<50	98	<50	<50	<50	<50	98	0.098	0.5' below grade	Below structure

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Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082; units in ug/kg, unless otherwise specified

Sample Name	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Status	Sample Matrix	Sample Depth - Bottom (feet bsl)	Sample Elevation (approx. MSL)	POB 1016	POB 1221	PCB 1232	POB 1242	POB 1248	PCB 1254	POB 1260	POB 1262	POB 1268	Total PCBs (ug/g)	Total PCBs (mg/g)	Remarks	Depth Remarks
402-I-P/S-SS-004	402-SS-004	1/21/2014	D	NA	402	V/E	so	0.5	186.5	<50	<50	<50	<50	2800	<50	330	<50	<50	3130	3.13	0.5' below grade	Below structure
402-I-P/S-SS-005	402-SS-005	1/21/2014	D	NA	402	V/E	so	0.5	186.5	<50	<50	<50	<50	590	<50	58	<50	<50	648	0.648	0.5' below grade	Below structure
402-I-P/S-SS-006	402-SS-006	1/30/2014	D	NA	402	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Deeper sample under SS-004	Deeper sample under SS-004
402-I-P/S-SS-007	402-SS-007	1/30/2014	D	NA	402	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Deeper sample under SS-005	Deeper sample under SS-005
#830	#830	2/19/2014	A	NA	426	E	so	4	183	<50	<50	<50	<50	9000	<50	370	<50	<50	9370	9.37	West side; near Structure 426	East sidewall
#831	#831	2/19/2014	A	NA	426	V/E	so	7	180	<50	<50	<50	<50	290	<50	<50	<50	<50	290	0.29	West side; near Structure 426	East sidewall
#832	#832	2/19/2014	A	NA	426	E	so	5	182	<50	<50	<50	<50	7200	<50	330	<50	<50	7530	7.53	Bottom	East sidewall
#871	#871	3/5/2014	A	NA	426	V	so	7	180	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at #830	North sidewall
#872	#872	3/5/2014	A	NA	426	V	so	7	180	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at #830	South sidewall
#873	#873	3/5/2014	A	NA	426	V	so	7	180	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at #830	East sidewall
#874	#874	3/5/2014	A	NA	426	V	so	5	182	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at #830	Floor, South
#875	#875	3/5/2014	A	NA	426	V	so	7	180	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at #832	South sidewall
#876	#876	3/5/2014	A	NA	426	V	so	7	180	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at #832	East sidewall
#877	#877	3/5/2014	A	NA	426	V	so	7	180	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at #832	North sidewall
#878	#878	3/5/2014	A	NA	426	V	so	8	179	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification for soil removal at #832	Floor
426-I-P/S-SS-003	426-SS-003	2/4/2014	NA	NA	426	V	so	5	182	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Collected under Structure, East of Area A	Below structure
426-I-P/S-SS-004	426-SS-004	2/4/2014	NA	NA	426	V	so	5	182	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Collected under Structure, East of Area A	Below structure
426-I-P/S-SS-005	426-SS-005	2/4/2014	NA	NA	426	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Collected under Structure, East of Area A	Below structure
426-I-P/S-SS-006	426-SS-006	2/4/2014	NA	NA	426	V	so	6	181	<50	<50	<50	<50	170	<50	<50	<50	<50	170	0.17	Collected under Structure, East of Area A	Below structure
426-I-P/S-SS-007	426-SS-007	2/4/2014	NA	NA	426	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Collected under Structure, East of Area A	Below structure
426-I-P/S-SS-008	426-SS-008	2/5/2014	NA	NA	426	V	so	3	184	<50uj	<50	<50	<50	880	<50	110J	<50	<50	990	0.99	North side of excavation	Floor
426-SS-009	426-SS-009	2/5/2014	NA	NA	426	V	so	3	184	<50uj	<50	<50	<50	1500	<50	160J	<50	<50	1660	1.66	North side of excavation	Floor
426-I-P/S-SS-010	426-SS-010	2/10/2014	NA	NA	426	V	so	11	176	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample below SS-006	Deeper sample below SS-006
426-I-P/S-SS-011	426-SS-011	2/13/2014	NA	NA	426	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample below SS-009	Deeper sample below SS-009
440-I-O-SS-001	440-SS-001	1/20/2014	NA	NA	440	V	so	3	184	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Below pipe, near Substation #1, 30' East of Column G/Row 2	NA
#742	#742	1/27/2014	A	NA	461	V	so	6.5	180.5	<50	<50	<50	<50	120	180	<50	<50	<50	300	0.3	Below pipe excavation	Bottom of Trench
#742	#742-9	2/3/2014	A	NA	461	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Below pipe excavation	Bottom of Trench
#743	#743	1/27/2014	A	NA	461	V	so	6.5	180.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Below pipe excavation	In place sample
#744	#744	1/27/2014	A	NA	461	V	so	6.5	180.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Below pipe excavation	Bottom of Trench
#745	#745	1/27/2014	A	NA	461	V	so	6.5	180.5	<50	<50	<50	<50	74	140	<50	<50	<50	214	0.214	Below pipe excavation	Bottom of Trench
#745	#745-9	2/3/2014	A	NA	461	V	so	9	178	<49	<49	<49	<49	<49	<49	<49	<49	<49	<49	<0.049	Below pipe excavation	Bottom of Trench
#746	#746	1/27/2014	A	NA	461	V	so	5	182	<50	<50	<50	<50	<50	53	<50	<50	<50	53	0.053	Below pipe excavation	Sidewall
#747	#747	1/28/2014	A	NA	461	NA	so	0	187	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Stockpile, Row 2	NA
#747	#747-2	1/28/2014	A	NA	461	NA	so															

TABLE 3

SOIL SAMPLE RESULTS - PCBs

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082; units in ug/kg, unless otherwise specified

Sample Name	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Status	Sample Matrix	Sample Depth - Bottom (feet bsl)	Sample Elevation (approx. MSL)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262	PCB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks		
#246	#246	9/12/2013	E	NA	NA	V	so	0.3	186.7	<50	<50	<50	<50	150	<50	120	<50	<50	270	0.27	Grid 111, below surface, Area E	Below surface		
#247	#247	9/12/2013	M	NA	NA	V	so	0.3	186.7	<50	<50	<50	<50	300	<50	<50	<50	<50	300	0.3	Grid 111, below surface, Area M	Below surface		
#333	#333	10/9/2013	M	NA	NA	V	so	4.5	182.5	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Deeper verification sample for #247	Deeper sample	
#334	#334	10/9/2013	P	NA	NA	V	so	0.5	186.5	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	<0.05	Verification soil sample below concrete slab	Below concrete slab	
#335	#335	10/9/2013	P	NA	NA	V	so	0.5	186.5	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	<0.05	Verification soil sample below concrete slab	Below concrete slab	
#336	#336	10/9/2013	P	NA	NA	V	so	0.5	186.5	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	<0.05	Verification soil sample below concrete slab	Below concrete slab	
#337	#337	10/9/2013	P	NA	NA	V	so	0.5	186.5	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	<0.05	Verification soil sample below concrete slab	Below concrete slab	
#338	#338	10/9/2013	P	NA	NA	V	so	0.5	186.5	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	<0.05	Verification soil sample below concrete slab	Below concrete slab	
#339	#339	10/9/2013	P	NA	NA	V	so	0.5	186.5	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	<0.05	Verification soil sample below concrete slab	Below concrete slab	
#343	#343	10/9/2013	P	NA	NA	V	so	0.5	186.5	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	<0.05	Verification soil sample below concrete slab	Below concrete slab	
#344	#344	10/9/2013	P	NA	NA	V	so	0.5	186.5	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	<0.05	Verification soil sample below concrete slab	Below concrete slab	
#345	#345	10/9/2013	P	NA	NA	V	so	0.5	186.5	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	<0.05	Verification soil sample below concrete slab	Below concrete slab	
#351	#351	10/15/2013	B	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Verification soil sample below concrete slab	Below concrete slab	
#352	#352	10/15/2013	B	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Verification soil sample below concrete slab	Below concrete slab	
#353	#353	10/15/2013	B	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Verification soil sample below concrete slab	Below concrete slab	
#362	#362	10/15/2013	B	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	93	120	--	<20	213	0.213	Verification soil sample below concrete slab	In the area of Structure 509	
#362	#362-9	10/31/2013	B	NA	NA	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Deeper verification sample deeper at #362	In the area of Structure 509	
#363	#363	10/15/2013	B	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Verification soil sample below concrete slab	In the area of Structure 509	
#364	#364	10/15/2013	B	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Verification soil sample below concrete slab	In the area of Structure 509	
#365	#365	10/15/2013	B	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Verification soil sample below concrete slab	In the area of Structure 509	
#366	#366	10/15/2013	B	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	88	120	67	--	<20	275	0.275	Verification soil sample below concrete slab	In the area of Structure 509
#366	#366-9	10/31/2013	B	NA	NA	V	so	9	178	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Deeper verification sample deeper at #366	In the area of Structure 509	
#368	#368	10/15/2013	A	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Verification soil sample below concrete slab	In the area of Structure 509	
#369	#369	10/15/2013	A	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Verification soil sample below concrete slab	In the area of Structure 509	
#370	#370	10/15/2013	A	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Verification soil sample below concrete slab	In the area of Structure 509	
#371	#371	10/15/2013	A	NA	NA	V	so	0.5	186.5	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Verification soil sample below concrete slab	In the area of Structure 509	
#372	#372	10/16/2013	P	NA	NA	V	so	2.5	184.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample at #341	South sidewall	
#373	#373	10/16/2013	P	NA	NA	V	so	2.5	184.5	<50	<50	<50	<50	<50	<50	730	<50	62	<50	<50	792	0.792	Verification sample at #341	East sidewall
#374	#374	10/16/2013	P	NA	NA	V	so	2.5	184.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification sample at #341	West sidewall	
#375	#375	10/16/2013	P	NA	NA	E	so	2.5	184.5	<500	<500	<500	<500	<500	<500	47000	<500	4000	<500	<500	51000	51	Verification sample at #341	North sidewall
#376	#376	10/16/2013	P	NA	NA	V	so	5	182	<50	<50	<50	<50	<50	<50	710	<50	65	<50	<50	775	0.775	Verification sample at #341	Bottom
#420	#420	10/29/2013	P	NA	NA	V	so	8	179	<20	<20	<20	<20	<20	<20	<20	<20	--	<20	<20	<0.02	Press Pit 5, soil sample associated with #341/#375	NA	
#499	#499	11/7/2013	P	NA	NA	E	so	12	175	<1000	<1000	<1000	<1000	<1000	<1000	150000	<1000	9100	<1000	<1000	159100	159.1	Between Press Pit #2 and #3	Bottom
#500	#500	11/7/2013	P	NA	NA	V	so	10	177	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Between Press Pit #2 and #3	Bottom	
#501	#501	11/7/2013	P	NA	NA	E	so	9	178	<50	<50	<50	<50	<50	<50	3700	<50	430	<50	<50	4130	4.13	Between Press Pit #2 and #3	Bottom
#502	#502	11/7/2013	P	NA	NA	E	so	7	180	<50	<50	<50	<50	<50	<50	7300	<50	400	<50	<50	7700	7.7	Between Press Pit #2 and #3	Bottom
#503	#503	11/7/2013	P	NA	NA	V	so	7	180	<50	<50	<50	<50	<50	<50	2700	<50	92	<50	<50	2792	2.792	Between Press Pit #2 and #3	Bottom
#505	#505	11/7/2013	P	NA	NA	V	so	7	180	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Between Press Pit #2 and #3, below #513	North sidewall, East end
#506	#506	11/7/2013	P	NA	NA	V	so	3	184	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Between Press Pit #2 and #3, below #513	North sidewall, East end
#507	#507	11/7/2013	P	NA	NA	V	so	12	175	<50	<50	<50	<50	<50	<50	4100	<50	240	<50	<50	4340	4.34	Between Press Pit #2 and #3, below #513	South sidewall
#508	#508	11/7/2013	P	NA	NA	V	so	8	179	<50	<50	<50	<50	<50	<50	3800	<50	200	<50	<50	4000	4	Between Press Pit #2 and #3, below #513	South sidewall
#509	#509	11/7/2013	P	NA	NA	V	so	3	184	<50	<50	<50	<50	<50	<50	320	<50	<50	<50	<50	320	0.32	Between Press Pit #2 and #3, below #513	South sidewall
#534	#534	11/12/2013	NA	NA	NA	D	so	3	184	<10000	<10000	<10000	<10000	<10000	<10000	79000	<10000	68000	<10000	<10000	159000	159	Glass-like material at pipe at Col. E/Row 9	Material inside pipe
#535	#535	11/12/2013	NA	NA	NA	V	so	12	175	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Green soil from footing removal, Col. E/Row 13	NA
#558	#558-1	11/20/2013	ND	NA	NA	NA	so	1	186	<50	<50	<50	<50	<50	<50	120	<50	280J	<50	110	510	0.51	Center between slab and fence	NA
#558	#558-3.5'	11/20/2013	ND	NA	NA	NA	so	3.5	183.5	<50	<50	<50	<50	<50	<50	<50	<50	63J	<50	<50	63	0.063	Refusal between slab and fence	NA
#657	#657	1/8/2014	A	NA	NA	V	so	3	184	<50	<50	<50	<50	<50	<50	4100	<50	240	<50	<50	450	<50	Verification samples around #615, East of Press Pit 5	West sidewall
#658	#658	1/8/2014	A	NA	NA	V	so	3	184	<50	<50	<50	<50	<50	<50	4600	<50	490	<50	<50	4700	<50	Verification samples around #615, East of Press Pit 5	South sidewall
#659	#659	1/8/2014	A	NA	NA	E	so	3	184	<50	<50	<50	<50	<50	<50	6800	<50	490	<50	<50	7290	7.29	Verification samples around #615, East of Press Pit 5	North sidewall

TABLE 3

SOIL SAMPLE RESULTS - PCBs

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8082; units in ug/kg, unless otherwise specified

Sample Name	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Status	Sample Matrix	Sample Depth - Bottom (feet bls)	Sample Elevation (approx. MSL)	POB 1016	POB 1221	PCB 1232	POB 1242	POB 1248	PCB 1254	POB 1260	POB 1262	POB 1268	Total PCBs (ug/kg)	Total PCBs (mg/kg)	Remarks	Depth Remarks
#660	#660	1/8/2014	A	NA	NA	V	so	3	184	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples around #615, East of Press Pit 5	East sidewall	
#661	#661	1/8/2014	A	NA	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples around #615, East of Press Pit 5	Bottom, Northwest end	
#662	#662	1/8/2014	A	NA	NA	V	so	6	181	<50	<50	<50	<50	<50	<50	<50	<50	<50	<0.05	Verification samples around #615, East of Press Pit 5	Bottom, South-central end	
GRAVEL	NA-30924	9/24/2013	A	NA	NA	V	so	0	187	<50	<50	<50	<50	710	<50	69	<50	<50	779	0.779	From Phase I Area, pit	NA

Abbreviations

so = soil

< = not detected at the stated reporting limit

-- = not analyzed

NA = not applicable

feet bls = feet below slab

J = estimated concentration

UJ = analyte was not detected at a level greater than or equal to the adjusted reporting limit, however, the reported adjusted reporting limit is approximate

ug/kg = microgram per kilogram

mg/kg = milligram per kilogram

BTOS = below top of slab

E = excavated

V = verification sample

V/E = verification sample but excavated

D = disposed

approx. MSL = approximately mean sea level

TABLE 4

SOIL SAMPLE RESULTS - TPH
Phase I Area - Pechiney Cast Plate, Inc. Facility
 3200 Fruitland Avenue
 Vernon, California

EPA Test Method 8015 Modified¹, units in mg/kg

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bbls)	TPH - as gas	TPH as diesel	TPH as motor oil	TPH total	Remarks	Location Remarks
130905-0012-I-SS-001	12-SS-001	9/9/2013	12	NA	12	so	5	<5	32	65.9	100	Structure from Grid 12	NA
32-I-P/S-SS-001	32-SS-001	11/21/2013	A	22	32	so	10	<5	<5	<5	<5	Below Press Pit #8	West end, bottom, below Press Pit #8
32-I-P/S-SS-002	32-SS-002	11/21/2013	A	22	32	so	8	<5	<5	<5	<5	Below Press Pit #8	Middle, bottom, below Press Pit #8
32-I-P/S-SS-003	32-SS-003	11/21/2013	A	22	32	so	8	<5	<5	<5	<5	Below Press Pit #8	East end bottom below press Pit #8
32-I-P/S-SS-004	32-SS-004	11/21/2013	A	22	32	so	4	<5	<5	<5	<5	Press Pit #8	West end of Northern sidewall adjacent to Press Pit #8
32-I-P/S-SS-005	32-SS-005	11/21/2013	A	22	32	so	3	<5	<5	<5	<5	Press Pit #8	East end on Northern sidewall adjacent Press Pit #8, SS-004
32-I-P/S-SS-006	32-SS-006	11/21/2013	A	22	32	so	4	<5	<5	<5	<5	Press Pit #8	East end on Northern sidewall, adjacent to Press Pit #8, SS-005
32-I-P/S-SS-007	32-SS-007	11/21/2013	A	22	32	so	5	<5	1136.7	334	1500	Press Pit #8	East end on Northern sidewall, adjacent to Press Pit #8
32-I-P/S-SS-008	32-SS-008	11/21/2013	A	22	32	so	5	<5	<5	24	29	Press Pit #8	South of SS-003 on bench, adjacent to Press Pit #8
32-I-P/S-SS-009	32-SS-009	11/21/2013	A	22	32	so	2	<5	<5	<5	<5	Press Pit #8	South of SS-002 on bench, adjacent to Press Pit #8 (5' BTOS, 2' below current grade)
32-I-P/S-SS-010	32-SS-010	11/21/2013	A	22	32	so	5	<5	<5	<5	<5	West end of bench, South of SS-001, adjacent Press Pit #8	West end of bench, South of SS-001, adjacent to Press Pit #8 (5' BTOS, 2' below current grade)
32-I-P/S-SS-011	32-SS-011	12/2/2013	A	22	32	so	4	<5	<5	<5	<5	Press Pit #8	North sidewall, East end
32-I-P/S-SS-012	32-SS-012	12/2/2013	A	22	32	so	4	<5	183	23.7	210	Press Pit #8	East sidewall, North end
32-I-P/S-SS-013	32-SS-013	12/2/2013	A	22	32	so	4	<5	<5	<5	<5	Press Pit #8	East sidewall, Center
32-I-P/S-SS-014	32-SS-014	12/2/2013	A	22	32	so	4	<5	<5	<5	<5	Press Pit #8	East sidewall, South end
32-I-P/S-SS-015	32-SS-015	12/2/2013	A	22	32	so	4	<5	5.5	<5	5.5	Press Pit #8	South sidewall, East end
32-I-P/S-SS-016	32-SS-016	12/2/2013	A	22	32	so	9	<5	62.1	98.5	160	Below Press Pit #8	Floor, East end, East of SS-001
32-I-P/S-SS-017	32-SS-017	1/30/2014	A	22	32	so	12	<5	<5	<5	<5	Press Pit #8, verification for SS-016 soil removal	East sidewall

TABLE 4

SOIL SAMPLE RESULTS - TPH

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8015 Modified¹, units in mg/kg

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bbls)	TPH - as gas	TPH as diesel	TPH as motor oil	TPH total	Remarks	Location Remarks
32-I-P/S-SS-018	32-SS-018	1/30/2014	A	22	32	so	6	<5	77	<5	80	Press Pit #8, verification for SS-016 soil removal	East sidewall
32-I-P/S-SS-019	32-SS-019	1/30/2014	A	22	32	so	12	<4.9	<4.9	<4.9	<4.9	Press Pit #8, verification for SS-016 soil removal	Bottom
32-I-P/S-SS-020	32-SS-020	1/30/2014	A	22	32	so	12	<5	<5	<5	<5	Press Pit #8, verification sample for SS-016 soil removal	Bottom
32-I-P/S-SS-021	32-SS-021	1/30/2014	A	22	32	so	9	<4.9	<4.9	<4.9	<4.9	Press Pit #8, verification sample for SS-015 soil removal	Sidewall
32-I-P/S-SS-022	32-SS-022	1/30/2014	A	22	32	so	5	<5	29	68.3	100	Press Pit #8, verification sample for SS-015 soil removal	Sidewall
32-I-P/S-SS-023	32-SS-023	1/30/2014	A	22	32	so	9	<4.9	<4.9	<4.9	<4.9	Press Pit #8, verification sample for SS-007 soil removal	Bottom
32-I-P/S-SS-024	32-SS-024	1/30/2014	A	22	32	so	9	<5	<5	<5	<5	Press Pit #8, verification sample for SS-007 soil removal	West sidewall
32-I-P/S-SS-025	32-SS-025	1/30/2014	A	22	32	so	4	<5	<5	<5	<5	Press Pit #8, verification sample for SS-007 soil removal	West sidewall
32-I-P/S-SS-026	32-SS-026	1/30/2014	A	22	32	so	9	<4.9	<4.9	<4.9	<4.9	Press Pit #8, verification sample for SS-007 soil removal	East sidewall
32-I-P/S-SS-027	32-SS-027	1/30/2014	A	22	32	so	4	<4.9	<4.9	<4.9	<4.9	Press Pit #8, verification sample for SS-007 soil removal	East sidewall
32-I-P/S-SS-028	32-SS-028	1/30/2014	A	22	32	so	9	<4.9	<4.9	<4.9	<4.9	Press Pit #8, verification sample for SS-007 soil removal	North sidewall
32-I-P/S-SS-029	32-SS-029	1/30/2014	A	22	32	so	4	<5	<5	<5	<5	Press Pit #8, verification sample for SS-007 soil removal	North sidewall
32-I-P/S-SS-030	32-SS-030	2/10/2014	A	22	32	so	10	<5	<5	<5	<5	Press Pit #8, verification sample for SS-018 soil removal	Bottom; near SS-018
32-I-P/S-SS-031	32-SS-031	2/10/2014	A	22	32	so	6	<5	<5	<5	<5	Press Pit #8, verification sample for SS-018 soil removal	Sidewall; near SS-018
62-I-PP-SS-001	62-SS-001	10/28/2013	A	22	62	so	8	<5	<5	<5	<5	Press Pit #5	Floor, West end
62-I-PP-SS-002	62-SS-002	10/28/2013	A	22	62	so	20	<5	<5	<5	<5	Press Pit #5, Bottom, Below SS-015,-016,-017	Floor, excavation below footing
62-I-PP-SS-003	62-SS-003	10/28/2013	A	22	62	so	12	17.8	174	302	500	Below Press Pit #5	Floor; under DC-162
62-I-PP-SS-004	62-SS-004	10/28/2013	A	22	62	so	8	<5	143.3	327	480	Below Press Pit #5	Floor; below top of slab

TABLE 4

SOIL SAMPLE RESULTS - TPH

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8015 Modified¹, units in mg/kg

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bbls)	TPH - as gas	TPH as diesel	TPH as motor oil	TPH total	Remarks	Location Remarks
62-I-PP-SS-005	62-SS-005	10/28/2013	A	22	62	so	3	<5	<5	<5	<5	Press Pit #5, Sidewall	West sidewall, adjacent to block wall
62-I-PP-SS-006	62-SS-006	10/28/2013	A	22	62	so	3	<5	<5	<5	<5	Press Pit #5, Sidewall	West sidewall, adjacent to block wall
62-I-PP-SS-007	62-SS-007	10/28/2013	A	22	62	so	8	<5	<5	<5	5.3	Press Pit #5, Below SS-007	North sidewall, West end
62-I-PP-SS-008	62-SS-008	10/28/2013	A	22	62	so	3	<5	<5	<5	<5	Press Pit #5, Top	North sidewall, West end
62-I-PP-SS-009	62-SS-009	10/28/2013	A	22	62	so	15	<5	59.5	309	370	Press Pit #5, Below SS-010	North sidewall, Center
62-I-PP-SS-010	62-SS-010	10/28/2013	A	22	62	so	8	<5	<5	<5	<5	Press Pit #5, Below SS-011	North sidewall, Center
62-I-PP-SS-011	62-SS-011	10/28/2013	A	22	62	so	3	<5	68.7	857	930	Press Pit #5, Top	North sidewall, Center
62-I-PP-SS-012	62-SS-012	10/28/2013	A	22	62	so	16	<5	54	160	220	Press Pit #5, Sidewall	North sidewall, East end
62-I-PP-SS-013	62-SS-013	10/28/2013	A	22	62	so	8	<5	<5	<5	<5	Press Pit #5, Below SS-014	North sidewall, East end
62-I-PP-SS-014	62-SS-014	10/28/2013	A	22	62	so	3	<5	<5	<5	9.9	Press Pit #5, Top	North sidewall, East end
62-I-PP-SS-015	62-SS-015	10/28/2013	A	22	62	so	15	<5	229	480	720	Press Pit #5, Below SS-06	--
62-I-PP-SS-016	62-SS-016	10/28/2013	A	22	62	so	8	<50	1760	3550	5300	Press Pit #5, Below SS-017	East sidewall, North end
62-I-PP-SS-017	62-SS-017	10/28/2013	A	22	62	so	3	<50	800	2190	3000	Press Pit #5, Top	East sidewall, North end
62-I-PP-SS-018	62-SS-018	10/28/2013	A	22	62	so	16	<5	<5	21.6	31	Below Press Pit #5; near #621	Floor, East end
62-I-PP-SS-019	62-SS-019	10/28/2013	A	22	62	so	8	<5	<5	<5	<5	Press Pit #5, Below SS-019	East sidewall, South end
62-I-PP-SS-020	62-SS-020	10/28/2013	A	22	62	so	3	<5	<5	<5	<5	Press Pit #5, Top	East sidewall, South end
62-I-PP-SS-021	62-SS-021	10/28/2013	A	22	62	so	16	<5	119	311	440	Below Press Pit #5	Floor, Southeast corner
62-I-PP-SS-022	62-SS-022	10/28/2013	A	22	62	so	8	<5	170	285	460	Below Press Pit #5	Floor, South side

TABLE 4

SOIL SAMPLE RESULTS - TPH

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8015 Modified¹, units in mg/kg

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bbls)	TPH - as gas	TPH as diesel	TPH as motor oil	TPH total	Remarks	Location Remarks
167-I-P/S-SS-001	167-SS-001	10/30/2013	B	22	167	so	2.5	76	19950	5611	26000	Oily sludge with solids found in top half/top layer of structure	Inside concrete sump
167-I-P/S-SS-002	167-SS-002	10/30/2013	B	22	167	so	2.5	132	20800	6490	27000	Metal shavings with some oil, in bottom half of structure	Inside concrete sump
167-I-P/S-S-003	167-SS-003	11/7/2013	B	22	167	so	2.5	<5	<5	<5	<5	Soil below sump after removal	Soil below sump
250-I-P/S-SS-002	250-SS-002	11/21/2013	A	22	250	so	0	<25	795	1300	2100	Gray-stained soil from sump related to Structure 119	NA
268-I-P/S-SS-001	268-SS-001	12/9/2013	126	NA	268	so	0	<250	<250	40000	40000	Soil stained	West end
268-I-P/S-SS-002	268-SS-002	12/9/2013	113/126	NA	268	so	4	<25	<25	593	640	Gray-stained	Middle area
268-I-P/S-SS-003	268-SS-003	12/16/2013	126	NA	268	so	8	<5	<5	<5	<5	Beneath sample SS-002	Middle area
274-I-CS-SS-001	274-SS-001	12/3/2013	NA	NA	274	so	1	<250	7080	2230	9800	NA	NA
274-I-CS-SS-002	274-SS-002	12/9/2013	NA	NA	274	so	1.5	<5	<5	<5	<5	NA	Floor
274-I-CS-SS-003	274-SS-003	12/9/2013	NA	NA	274	so	1.5	<5	<5	<5	<5	NA	Floor
274-I-CS-SS-004	274-SS-004	12/9/2013	NA	NA	274	so	1	<5	18.8	<5	26	NA	South sidewall
274-I-CS-SS-005	274-SS-005	12/9/2013	NA	NA	274	so	1	<5	<5	<5	<5	NA	East sidewall
274-I-CS-SS-006	274-SS-006	12/9/2013	NA	NA	274	so	1	<5	40.1	<5	43	NA	North sidewall
274-I-CS-SS-007	274-SS-007	12/9/2013	NA	NA	274	so	1	<5	<5	<5	<5	NA	East sidewall
275-I-CS-SS-001	275-SS-001	12/3/2013	NA	NA	275	so	3	<250	<250	18200	19000	NA	Below structure
334-I-P/S-SS-001	334-SS-001	12/18/2013	A	22	334	so	0	<5	<5	<5	<5	Material within Structure 334	Soil inside structure
#253	#253	9/19/2013	E	18	NA	so	0.5	<250	2640	52900	56000	Stained soil from Area E, at footing	NA
#315	#315	10/7/2013	E	18	NA	so	7	<5	<5	<5	<5	Bottom. Grid 125. Below #253	Bottom

TABLE 4

SOIL SAMPLE RESULTS - TPH
Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8015 Modified¹, units in mg/kg

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bbls)	TPH - as gas	TPH as diesel	TPH as motor oil	TPH total	Remarks	Location Remarks
#316	#316	10/7/2013	E	18	NA	so	4	<5	<5	<5	<5	North Sidewall. Grid 112	North sidewall
#317	#317	10/7/2013	E	18	NA	so	4	<5	<5	<5	<5	East Sidewall. Grid 125	East sidewall
#318	#318	10/7/2013	E	18	NA	so	4	<5	<5	<5	<5	West Sidewall. Grid 125	West sidewall
#319	#319	10/7/2013	E	18	NA	so	4	<5	<5	<5	<5	South Sidewall	South sidewall
#331	#331	10/9/2013	A	22	61/62	so	0	600	13000	15000	29000	Press Pit 5 East Stockpile; soil	Stockpile
#332	#332	10/9/2013	A	22	61/62	so	0	14.3	409	252	680	Press Pit 5 West Stockpile; soil	Stockpile
#677	#677	1/13/2014	NA	29	NA	so	4	<500	<500	46100	46000	Below 3'x3' footing, hydrocarbon odor, gray-staining, Row 14 40' East of Column C	NA
#678	#678	1/13/2014	NA	29	NA	so	4	<5	<5	150.2	150	Below 3'x3' footing, hydrocarbon odor, gray-staining, Row 14 40' East of Column C	NA
#679	#679	1/13/2014	NA	29	NA	so	4	<500	<500	43070	43000	Below 3'x3' footing, hydrocarbon odor, gray-staining, Row 14 40' East of Column C	NA
#680	#680	1/13/2014	NA	29	NA	so	4	<50	<50	4910	4900	Below 3'x3' footing, hydrocarbon odor, gray-staining, Row 14 40' East of Column C	NA
#695	#695	1/20/2014	NA	29	NA	so	6	<5	<5	<5	<5	Verification sample for soil removal at #680	Bottom
#696	#696	1/20/2014	NA	29	NA	so	6	<5	<5	<5	<5	Verification sample for soil removal at #680	West wall, near Bottom
#697	#697	1/20/2014	NA	29	NA	so	6	<5	6.9	225	240	Verification sample for soil removal at #680	North wall, near Bottom
#698	#698	1/20/2014	NA	29	NA	so	6	<5	<5	34	39	Verification sample for soil removal at #680	South wall, near Bottom
#699	#699	1/20/2014	NA	29	NA	so	6	<5	84.4	1239	1300	Verification sample for soil removal at #680	East wall, near Bottom
#700	#700	1/20/2014	NA	29	NA	so	6	<5	<5	<5	<5	Verification sample for soil removal at #677	West wall, near Bottom
#701	#701	1/20/2014	NA	29	NA	so	6	<5	<5	<5	<5	Verification sample for soil removal at #677	Bottom
#702	#702	1/20/2014	NA	29	NA	so	6	<5	<5	<5	<5	Verification sample for soil removal at #677	North wall, near Bottom

TABLE 4

SOIL SAMPLE RESULTS - TPH

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8015 Modified¹, units in mg/kg

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bbls)	TPH - as gas	TPH as diesel	TPH as motor oil	TPH total	Remarks	Location Remarks
#703	#703	1/20/2014	NA	29	NA	so	6	<5	<5	6.6	20	Verification sample for soil removal at #677	South wall, near Bottom
#704	#704	1/20/2014	NA	29	NA	so	6	<5	<5	<5	<5	Verification sample for soil removal at #677	East wall, near Bottom
#705	#705	1/20/2014	NA	29	NA	so	6	<5	<5	<5	<5	Verification sample for soil removal at #679	Bottom
#706	#706	1/20/2014	NA	29	NA	so	6	<5	<5	<5	<5	Verification sample for soil removal at #679	East wall, near Bottom
#707	#707	1/20/2014	NA	29	NA	so	6	<5	<5	<5	<5	Verification sample for soil removal at #679	North Wall, near Bottom
#708	#708	1/20/2014	NA	29	NA	so	6	<5	<5	<5	<5	Verification sample for soil removal at #679	South Wall, near Bottom
#709	#709	1/20/2014	NA	29	NA	so	6	<5	<5	<5	<5	Verification sample for soil removal at #679	West wall, near Bottom
#746	#746	1/27/2014	A	NA	461	so	5	<5	<5	25.2	32	Below pipe excavation	Sidewall
#814-2	#814-2	2/13/2014	A	22	240	so	2	<50	3960	9020	13000	Verification sample, stained Black, between 1 & 2 Column B	West sidewall
#825	#825	2/18/2014	A	22	240	so	2	<5	126.6	492	620	Verification for soil sample #814-2	Sidewall
#826	#826	2/18/2014	A	22	240	so	4	<25	870	1626	2500	Verification for soil sample #814-2	Bottom

Note

1. EPA 8015 Modified for carbon chain speciation.

Abbreviations

so = soil

< = not detected at the stated reporting limit

– = not analyzed

mg/kg = milligram per kilogram

NA = not applicable

feet bbls = feet below slab

TPH = total petroleum hydrocarbons

TABLE 5

SOIL SAMPLE RESULTS - VOCs

Phase I Area - Pechiney Cast Plate, Inc. Facility

3200 Fruitland Avenue

Vernon, California

EPA Test Method 8260B; units in ug/kg

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bbls)	1,1,1-Trichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trichlorobenzene	2-Chlorotoluene	Acetone	Benzene	Dichloromethane (methylene chloride)	Ethylbenzene	Isopropylbenzene	Methyl Ethyl Ketone (MEK) / 2-Butanone	4-Methyl-2-Pentanone	n-Butylbenzene	Isopropyltoluene	Tetrachloroethene	Toluene	Trichloroethene	Vinyl Chloride	Xylene - o	Xylene - p, -m	Remarks	Depth Remarks
32-I-P/S-SS-001	32-SS-001	11/21/2013	A	22	32	so	10	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Below Press Pit #8	West end, bottom, below Press Pit #8	
32-I-P/S-SS-002	32-SS-002	11/21/2013	A	22	32	so	8	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Middle, bottom, below Press Pit #8		
32-I-P/S-SS-003	32-SS-003	11/21/2013	A	22	32	so	8	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Below Press Pit #8	East end, bottom, below Press Pit #8	
32-I-P/S-SS-004	32-SS-004	11/21/2013	A	22	32	so	4	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8	West end of Northern sidewall adjacent to Press Pit #8	
32-I-P/S-SS-005	32-SS-005	11/21/2013	A	22	32	so	3	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8	East end on Northern sidewall adjacent Press Pit #8, SS-004	
32-I-P/S-SS-006	32-SS-006	11/21/2013	A	22	32	so	4	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8	East end on Northern sidewall, adjacent to Press Pit #8, SS-005	
32-I-P/S-SS-007	32-SS-007	11/21/2013	A	22	32	so	5	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8	East end on Northern sidewall, adjacent to Press Pit #8	
32-I-P/S-SS-008	32-SS-008	11/21/2013	A	22	32	so	5	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8	South of SS-003 on bench, adjacent to Press Pit #8	
32-I-P/S-SS-009	32-SS-009	11/21/2013	A	22	32	so	2	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8	South of SS-002 on bench, adjacent to Press Pit #8	
32-I-P/S-SS-010	32-SS-010	11/21/2013	A	22	32	so	5	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	West end of bench, South of SS-001, adjacent to Press Pit #8	West end of bench, South of SS-001, adjacent to Press Pit #8	
32-I-P/S-SS-011	32-SS-011	12/2/2013	A	22	32	so	4	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8	North sidewall, East end	
32-I-P/S-SS-012	32-SS-012	12/2/2013	A	22	32	so	4	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8	East sidewall, North end	
32-I-P/S-SS-013	32-SS-013	12/2/2013	A	22	32	so	4	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8	East sidewall, Center	
32-I-P/S-SS-014	32-SS-014	12/2/2013	A	22	32	so	4	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8	East sidewall, South end	
32-I-P/S-SS-015	32-SS-015	12/2/2013	A	22	32	so	4	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8	South sidewall, East end	
32-I-P/S-SS-016	32-SS-016	12/2/2013	A	22	32	so	9	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Below Press Pit #8	Floor, East end, East of SS-001	
32-I-P/S-SS-017	32-SS-017	1/30/2014	A	22	32	so	12	<5.1	<5.1	<5.1	<5.1	<5.1	<130	<5.1	<51	<5.1	<5.1	<51	<51	<51	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	Press Pit #8, verification sample for SS-016 soil removal	East sidewall
32-I-P/S-SS-018	32-SS-018	1/30/2014	A	22	32	so	6	<5	<5	<5	<5	<5	<130	<5	<50	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5	<5	Press Pit #8, verification sample for SS-016 soil removal	East sidewall	
32-I-P/S-SS-019	32-SS-019	1/30/2014	A	22	32	so	12	<4.9	<4.9	<4.9	<4.9	<4.9	<120	<4.9	<49	<4.9	<4.9	<49	<49	<49	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	Press Pit #8, verification sample for SS-016 soil removal	Bottom
32-I-P/S-SS-020	32-SS-020	1/30/2014	A	22	32	so	12	<4.9	<4.9	<4.9	<4.9	<4.9	<120	<4.9	<49	<4.9	<4.9	<49	<49	<49	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	Press Pit #8, verification sample for SS-016 soil removal	Bottom
32-I-P/S-SS-021	32-SS-021	1/30/2014	A	22	32	so	9	<4.9	<4.9	<4.9	<4.9	<4.9	<120	<4.9	<49	<4.9	<4.9	<49	<49	<49	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	Press Pit #8, verification sample for SS-015 soil removal	Sidewall
32-I-P/S-SS-022	32-SS-022	1/30/2014	A	22	32	so	5	<5.1	<5.1	<5.1	<5.1	<5.1	<130	<5.1	<51	<5.1	<5.1	<51	<51	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	Press Pit #8, verification sample for SS-015 soil removal	Sidewall	
32-I-P/S-SS-023	32-SS-023	1/30/2014	A	22	32	so	9	<5	<5	<5	<5	<5	<130	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8, verification sample for SS-007 soil removal	Bottom	
32-I-P/S-SS-024	32-SS-024	1/30/2014	A	22	32	so	9	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	Press Pit #8, verification sample for SS-007 soil removal	West sidewall	
32-I-P/S-SS-025	32-SS-025	1/30/2014	A	22	32	so	4	<4.9	<4.9	<4.9	<4.9	<4.9	<120	<4.9	<49	<4.9	&												

TABLE 5

SOIL SAMPLE RESULTS - VOCs

Phase I Area - Pechiney Cast Plate, Inc. Facility
 3200 Fruitland Avenue
 Vernon, California

EPA Test Method 8260B; units in ug/kg

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Sample Depth - Bottom (feet bsl)	1,1,1-Trichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Acetone	Benzene	Dichlormethane (methylene chloride)	Ethylbenzene	Isopropylbenzene	Methyl Ethyl Ketone (MEK) / 2-Butanone	4-Methyl-2-Pentanone	n-Butylbenzene	Isopropyltoluene	Tetrachloroethene	Toluene	Trichloroethene	Vinyl Chloride	Xylene -o	Xylene p-m	Remarks	Depth Remarks
#677	#677	1/13/2014	NA	29	NA	so	4	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<130	<5.1	<51	<5.1	<5.1	<51	<51	<51	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	Below 3'x3' footing, hydrocarbon odor, gray-staining, Row 14 40' East of Column C	NA	
#678	#678	1/13/2014	NA	29	NA	so	4	<5	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5	<5	Below 3'x3' footing, hydrocarbon odor, gray-staining, Row 14 40' East of Column C	NA	
#679	#679	1/13/2014	NA	29	NA	so	4	<5	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5	<5	Below 3'x3' footing, hydrocarbon odor, gray-staining, Row 14 40' East of Column C	NA	
#680	#680	1/13/2014	NA	29	NA	so	4	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<130	<5.2	<52	<5.2	<5.2	<52	<52	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	Below 3'x3' footing, hydrocarbon odor, gray-staining, Row 14 40' East of Column C	NA	
268-I-P/S-SS-001	268-SS-001	12/9/2013	126	NA	268	so	0	<5	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5	<5	Soil stained	West end	
268-I-P/S-SS-002	268-SS-002	12/9/2013	113/126	NA	268	so	4	<5	<5	<5	<5	<5	<5	<130	<5	<50	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5	<5	Gray-stained	Middle area	
274-I-CS-SS-001	274-SS-001	12/3/2013	NA	NA	274	so	1	<5	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5	<5	NA	NA	
275-I-CS-SS-001	275-SS-001	12/3/2013	NA	NA	275	so	3	<5	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5	<5	NA	Below structure	
300-I-P-SS-001	300-SS-001	12/5/2013	NA	NA	300	so	1	<5	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5	<5	Beneath pink pipe	Below pipe	
300-I-P-SS-002	300-SS-002	12/5/2013	NA	NA	300	so	1	<5	<5	<5	<5	<5	<5	<120	<5	<50	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5	<5	Beneath pink pipe	Below pipe	

Note

1. Selected and detected compounds shown. For a full list of compounds, refer to the laboratory analytical results.

Abbreviations

so = soil

< = not detected at the stated reporting limit

- = not analyzed

ug/kg = microgram per kilogram

NA = not applicable

feet bsl = feet below slab

VOC = volatile organic compound

TABLE 6

SOIL SAMPLE RESULTS - METALS
Phase I Area - Pechiney Cast Plate, Inc. Facility
 3200 Fruitland Avenue
 Vernon, California

EPA Test Method 6010/7242, units in mg/kg

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	Remarks	Location Remarks
#253	#253	9/19/2013	E	18	NA	so	<0.75	4.22	140	0.415	<0.5	18.9	12	23.5	42.3	<0.25	14.5	<0.75	<0.25	<0.75	36.9	233	<0.0835	Stained soil from Area E, at footing	NA
32-I-P/S-SS-001	32-SS-001	11/21/2013	A	22	32	so	<0.75	<0.75	52.4	<0.25	<0.5	5.08	4.81	4.99	0.745	<0.25	3.94	<0.75	<0.25	<0.75	14.5	23.5	0.297	Below Press Pit #8	West end, bottom, below Press Pit #8
32-I-P/S-SS-002	32-SS-002	11/21/2013	A	22	32	so	<0.75	<0.75	66.7	<0.25	<0.5	8.28	6.84	7.6	0.777	<0.25	6.27	<0.75	<0.25	<0.75	20.8	33.1	<0.0835	Below Press Pit #8	Middle, bottom, below Press Pit #8
32-I-P/S-SS-003	32-SS-003	11/21/2013	A	22	32	so	<0.75	<0.75	36.1	<0.25	<0.5	3.97	3.59	3.63	0.842	<0.25	3.17	<0.75	<0.25	<0.75	11.1	17.4	<0.0835	Below Press Pit #8	East end, bottom, below Press Pit #8
32-I-P/S-SS-017	32-SS-017	1/30/2014	A	22	32	so	<0.721	<0.721	49	<0.24	<0.481	5.18	4.13	4.14	<0.481	<0.24	3.68	<0.721	<0.24	<0.721	15.7	19.6	<0.0835	Press Pit #8, verification for SS-016 soil removal	East sidewall
32-I-P/S-SS-018	32-SS-018	1/30/2014	A	22	32	so	<0.743	1.76	120	0.37	<0.495	15.2	10.6	15.7	4.11	<0.248	11.3	<0.743	<0.248	<0.743	34.1	60.5	<0.086	Press Pit #8, verification for SS-016 soil removal	East sidewall
32-I-P/S-SS-019	32-SS-019	1/30/2014	A	22	32	so	<0.75	<0.75	47.8	<0.25	<0.5	5.02	4.78	4.55	<0.5	<0.25	4.03	<0.75	<0.25	<0.75	15.3	21.9	<0.0835	Press Pit #8, verification for SS-016 soil removal	Bottom
32-I-P/S-SS-020	32-SS-020	1/30/2014	A	22	32	so	<0.714	0.961	47.7	<0.238	<0.476	6.09	4.55	4.34	<0.476	<0.238	4.02	<0.714	<0.238	<0.714	17	21.2	<0.0795	Press Pit #8, verification sample for SS-016 soil removal	Bottom
32-I-P/S-SS-021	32-SS-021	1/30/2014	A	22	32	so	<0.777	<0.777	70.2	<0.259	<0.518	7.55	6.25	6.82	0.564	<0.259	5.49	<0.777	<0.259	<0.777	22.3	30.1	<0.0835	Press Pit #8, verification sample for SS-015 soil removal	Sidewall
32-I-P/S-SS-022	32-SS-022	1/30/2014	A	22	32	so	<0.758	1.84	132	0.38	<0.505	16.1	11.3	18.1	3.5	<0.253	12.1	<0.758	<0.253	<0.758	35.4	55.4	<0.0795	Press Pit #8, verification sample for SS-015 soil removal	Sidewall
32-I-P/S-SS-023	32-SS-023	1/30/2014	A	22	32	so	<0.758	<0.758	63	<0.253	<0.505	7.07	5.66	6.49	0.532	<0.253	4.93	<0.758	<0.253	<0.758	20.3	27.2	<0.086	Press Pit #8, verification sample for SS-007 soil removal	Bottom
32-I-P/S-SS-024	32-SS-024	1/30/2014	A	22	32	so	<0.732	<0.732	62	<0.244	<0.488	6.75	5.57	5.14	<0.488	<0.244	4.95	<0.732	<0.244	<0.732	18.3	25.9	<0.082	Press Pit #8, verification sample for SS-007 soil removal	West sidewall
32-I-P/S-SS-025	32-SS-025	1/30/2014	A	22	32	so	<0.754	0.928	121	0.391	<0.503	17.1	11.5	15.3	1.48	<0.251	12.3	<0.754	<0.251	<0.754	38.6	52.6	<0.0845	Press Pit #8, verification sample for SS-007 soil removal	West sidewall
32-I-P/S-SS-026	32-SS-026	1/30/2014	A	22	32	so	<0.769	<0.769	50.1	<0.256	<0.513	5.69	5.1	4.73	<0.513	<0.256	4.33	<0.769	<0.256	<0.769	16.5	23.1	<0.0835	Press Pit #8, verification sample for SS-007 soil removal	East sidewall
32-I-P/S-SS-027	32-SS-027	1/30/2014	A	22	32	so	<0.765	<0.765	149	0.449	<0.51	18.9	13.1	19.5	2.24	<0.255	13.9	<0.765	<0.255	<0.765	40.2	55.3	<0.086	Press Pit #8, verification sample for SS-007 soil removal	East sidewall
32-I-P/S-SS-028	32-SS-028	1/30/2014	A	22	32	so	<0.777	<0.777	58.6	<0.259	<0.518	6.66	5.44	5.33	<0.518	<0.259	4.8	<0.777	<0.259	<0.777	19.1	24.5	<0.0845	Press Pit #8, verification sample for SS-007 soil removal	North sidewall
32-I-P/S-SS-029	32-SS-029	1/30/2014	A	22	32	so	<0.743	1.91	130	0.364	<0.495	16.2	11.2	16.5	2.64	<0.248	11.9	<0.743	<0.248	<0.743	35.3	49.6	<0.086	Press Pit #8, verification sample for SS-007 soil removal	North sidewall
#331	NA	10/9/2013	A	22	61/62	so	<10	12	83	<1	3.7	86	10	7300	1200	9.3	270	<0.5	1.3	<5	25	560	0.066	Press Pit 5 East Stockpile; soil	Stockpile
#332	NA	10/9/2013	A	22	61/62	so	<10	6.7	110	<1	2.2	14	8.3	27	6.7	<5	14	<0.5	<1	<5	31	53	<0.02	Press Pit 5 West Stockpile; soil	Stockpile
250-I-P/S-SS-002	250-SS-002	11/21/2013	A	22	250	so	<0.75	<0.75	99	0.288	<0.5	12.8	8.54	18.7	7.81	<0.25	9.65	<0.75	<0.25	<0.75	26.9	53.6	0.11	Gray-stained soil from sump related to Structure 119	NA
334-I-P/S-SS-001	334-SS-001	12/18/2013	A	22	334	so	<0.75UJ	2.96	126	0.354	<0.5	15.4	11.5	16.4	3.02	<0.25	11.7	<0.75	<0.25	<0.75	34.2	55.1	0.451	Material within Structure 334	Soil inside structure
167-I-P/S-SS-001	167-SS-001	10/30/2013	B	22	167	so	<10	2.5	91	<1	1.9	19	6.8	800	25	<5	11	<0.5	<1	<5	33	270	0.055	Oily sludge with solids found in top half/top layer of structure	Inside concrete sump

TABLE 6

SOIL SAMPLE RESULTS - METALS
Phase I Area - Pechiney Cast Plate, Inc. Facility
 3200 Fruitland Avenue
 Vernon, California

EPA Test Method 6010/7242, units in mg/kg

Sample ID	Map Reference ID	Date Sampled	Concrete Removal Area or Grid	Soil Removal Area	Associated Structure Number	Sample Matrix	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	Remarks	Location Remarks
167-I-P/S-SS-002	167-SS-002	10/30/2013	B	22	167	so	<200	<10	<200	<20	<20	1800	<60	17000	<60	<100	<60	<10	<20	<100	<200	47000	<0.02	Metal shavings with some oil, in bottom half of structure	Inside concrete sump
208-I-P-SS-001	208-SS-001	11/12/2013	166	NA	208	so	<0.75UJ	2.9	120	0.421	<0.5	16.3	11.2	18.6	4.53	0.315	11.7	<0.75	<0.25	<0.75UJ	37	54.6	0.196J	Below E-line pipe, along Column E, North side, at Column E/Row 13	NA
208-I-P-SS-002	208-SS-002	11/12/2013	88	NA	208	so	<0.75UJ	4.34	134	0.372	<0.5	17.9	11.9	27.7	12.5	<0.25	14	<0.75	<0.25	<0.75UJ	36.4	65.8	<0.0835	Below E-line pipe, along Column E, South side, at Column E/Row 13	NA
274-I-CS-SS-001	274-SS-001	12/3/2013	NA	NA	274	so	<0.75	1.6	99.6	0.337	<0.5	12.9	9.29	14.4	3.15	<0.25	9.7	<0.75	<0.25	<0.75	29.2	45	<0.0835	NA	NA
275-I-CS-SS-001	275-SS-001	12/3/2013	NA	NA	275	so	<0.75	1.15	121	0.393	<0.5	15.2	10.8	16	4.71	<0.25	11.6	<0.75	<0.25	<0.75	33.6	77.3	<0.0835	NA	Below structure
#535	NA	11/12/2013	NA	NA	NA	so	<0.75UJ	1.98	99.9	0.339	<0.5	12.8	9.5	18.1	14.5	<0.25	10.2	<0.75	<0.25	<0.75UJ	30.8	56	<0.0835	Green soil from footing removal, Column E/Row13	NA
#553	NA	11/18/2013	NA	NA	196	so	<0.75UJ	4.06	115	0.313	<0.5	14.3	10.2	20	8.84	<0.25	10.7	<0.75	<0.25	<0.75	32.8	52	<0.0835	Stockpile	NA

Note

1. Selected and detected compounds shown. For a full list of compounds, refer to the laboratory analytical results.

Abbreviations

so = soil

< = not detected at the stated reporting limit

-- = not analyzed

feet bsl = feet below slab/surface

mg/kg = milligram per kilogram

J = estimated concentration

UJ = analyte was not detected at a level greater than or equal to the adjusted reporting limit, however, the reported adjusted reporting limit is approximate

NA = not applicable

TABLE 7

QUANTITIES OF MATERIALS REMOVED FROM THE FACILITY
Phase I Area - Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

Waste Contents ¹	Type of Waste ²	Quantity ³	Quantity Units	Disposal Facility	Location
Refractory brick debris	Non-RCRA Hazardous Waste Solid (NORM Waste)	136	tons	US Ecology	Nevada
Asphalt	Non-Hazardous Waste Solid	220	tons	Kelterite Corporation; Nu-Way Arrow Land Reclamation	California
Ballast	Non-Hazardous Waste Solid	276	tons	Chiquita Canyon Landfill	California
PCB-Impacted Concrete	TSCA-Hazardous Waste, PCBs, Solid ⁴	12187	tons	US Ecology	Nevada
PCB-Impacted Concrete	Non-Hazardous Waste Solid ⁴	9624	tons	Chiquita Canyon Landfill	California
PCB-Impacted Soil	TSCA-Hazardous Waste, PCBs, Solid ⁴	6280	tons	US Ecology	Nevada
PCB-Impacted Soil	Non-Hazardous Waste Solid ⁴	5195	tons	Chiquita Canyon Landfill	California
Railroad Ties	Non-Hazardous Waste Solid	80	tons	Simi Valley Landfill	California
Non-Friable Asbestos	Non-Hazardous Waste Solid	9	tons	Azusa Land Reclamation	California
Rainwater	Non-Hazardous Waste Liquid	2730	gallons	DeMenno Kerdoon	California

Notes

1. Waste stream generated during below grade demolition and soil removal activities.
2. Federal and/or California Waste Category.
3. Quantities are approximate. Final quantities will be provided in the last completion report.
4. Bulk PCB Remediation Waste.

Abbreviations

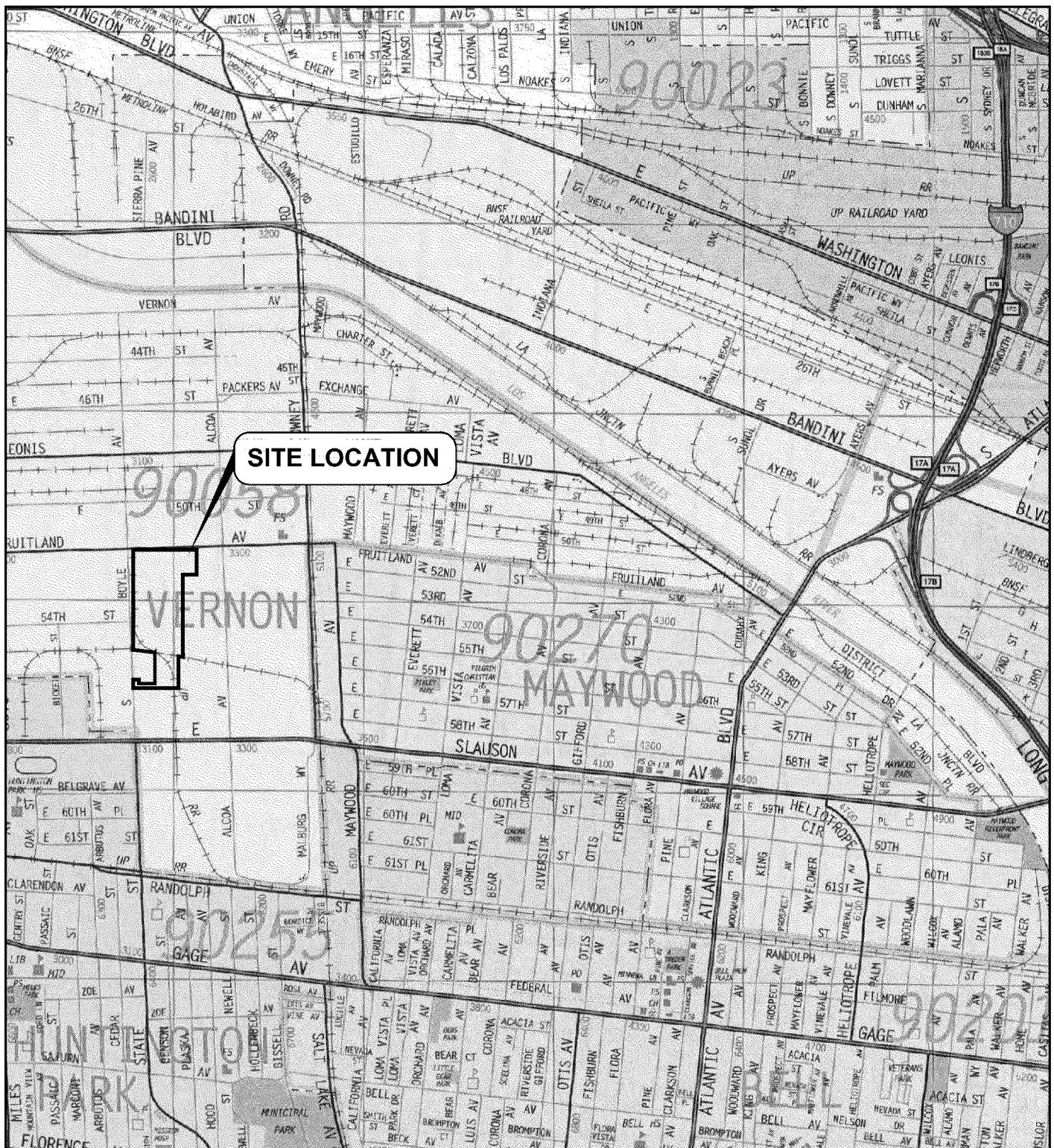
TSCA = Toxic Substances Control Act

RCRA = Resource Conservation and Recovery Act

NORM = Naturally Occurring Radioactive Material

PCBs = polychlorinated biphenyls

FIGURES



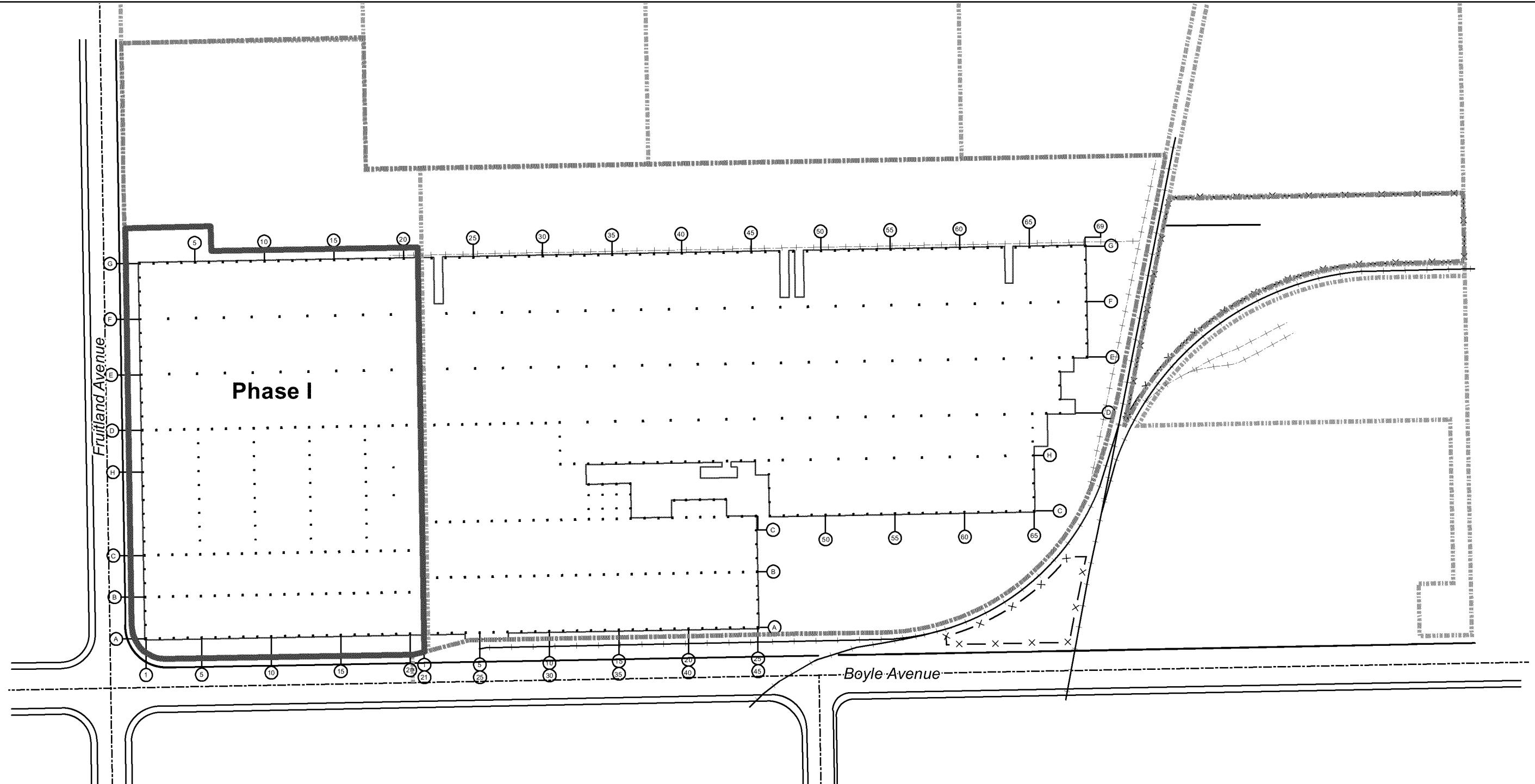
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**SITE LOCATION MAP
PHASE 1 AREA**
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

By: pah	Date: 06/06/14	Project No. 10627.003
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Figure 1



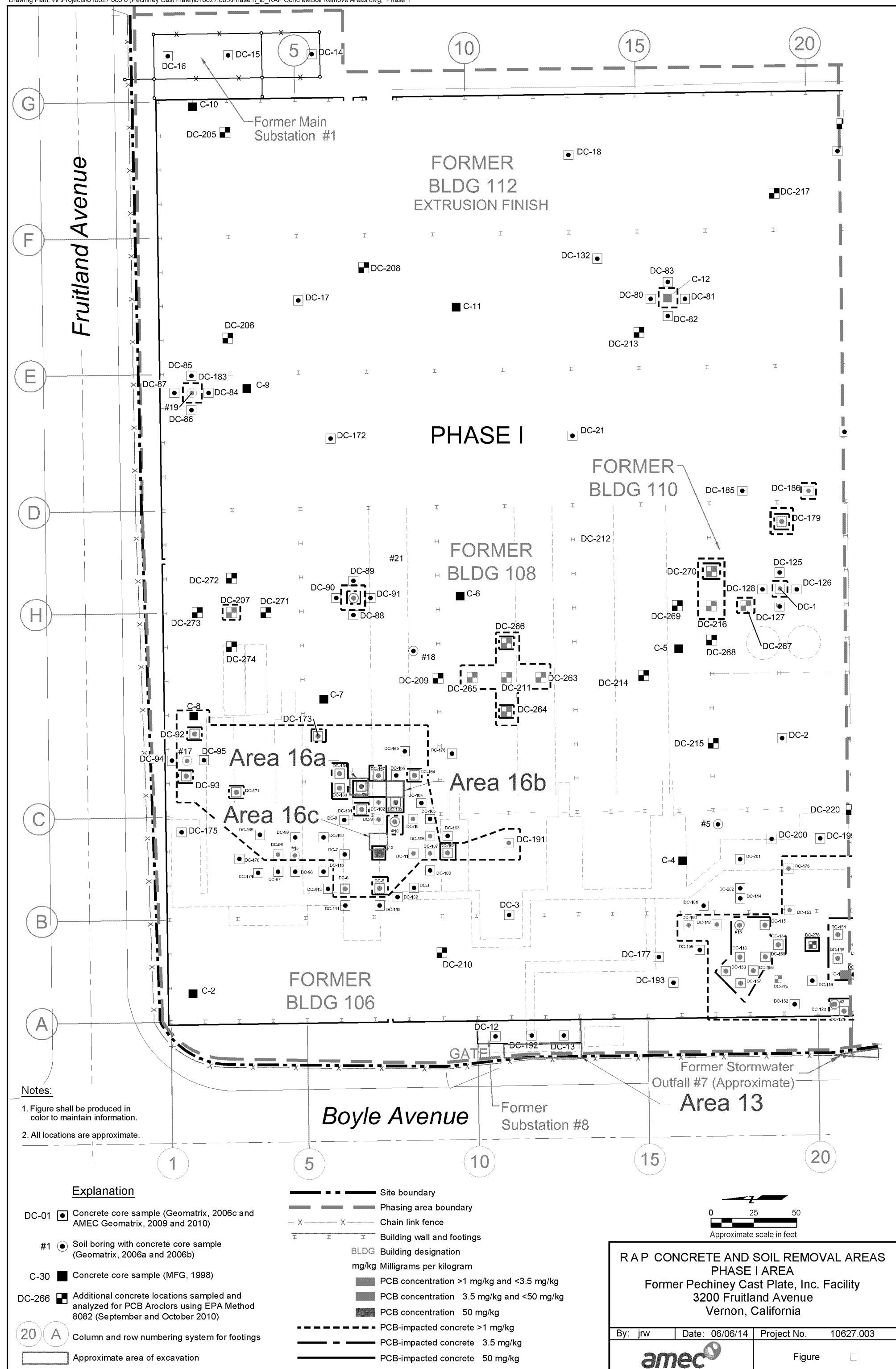
Explanation


- Site boundary
 - Railroad track (at grade)
 - +--- Railroad track (buried)
 - Phase I boundary
 - Parcel boundary
 - Chain link fence
- (A) Column and row numbering system
1

0 37.5 75 150
Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Aluminum Company of America "Works General-MPA" figure dated October 10, 1984; Los Angeles County Assessor's Office Parcel Map 6310/Sheet 8 dated November 5, 1958; surveys conducted May 31, 2006 and June 6, 2006 by CalVada Surveyors; and surveys conducted October 12, 2011 and September 10, 2013 by Dulin & Boynton.

SITE PLAN PHASE I AREA		
Former Pechiney Cast Plate, Inc. Facility		
3200 Fruitland Avenue		
Vernon, California		
By: pah	Date: 06/03/14	Project No. 10627.003
	Figure 2	





Explanation

Concrete Samples Collected During Below Grade Demolition

- PCB concentrations not detected
- PCB concentrations detected less than or equal to 1 mg/kg
- PCB concentrations detected greater than 1 mg/kg and less than 50 mg/kg
- PCB concentrations detected greater than or equal to 50 mg/kg and less than 1000 mg/kg
- PCB concentrations detected greater than or equal to 1000 mg/kg
- Concrete samples (pre-demolition)
- ◆ PCB concentrations detected greater than 1 mg/kg and less than 50 mg/kg
- ◇ PCB concentrations detected less than or equal to 1 mg/kg
- - - Concrete removal area
- - - Soil removal area
- - - Site boundary
- - - Railroad track (buried)
- - - Chain link fence
- - - Phase boundary
- - - Pavement area
- ① (B) Column and row numbering system
- Footing
- PCB Total polychlorinated biphenyls
- mg/kg Milligrams per kilogram

Notes:

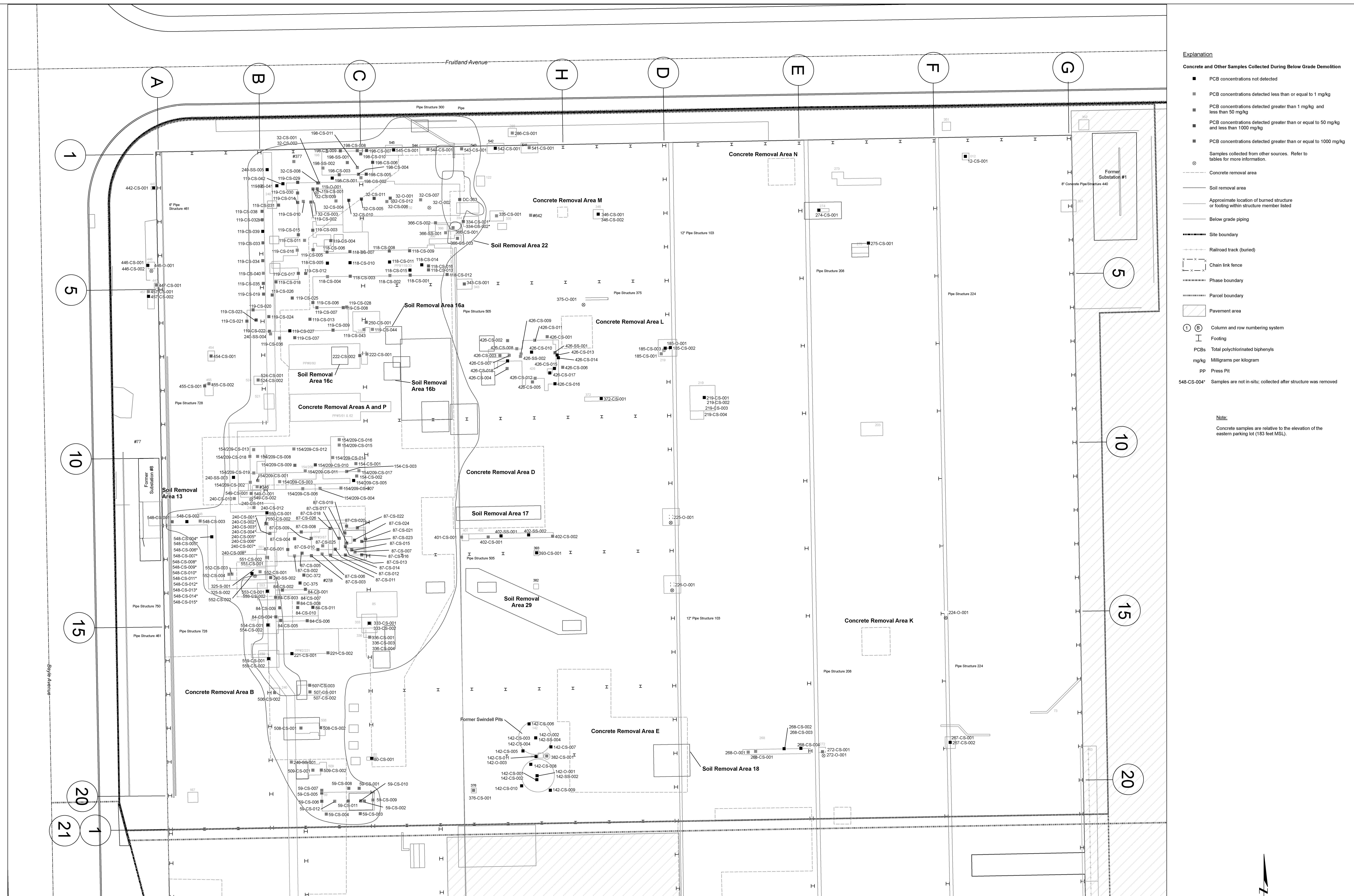
1. All locations are approximate.
2. Concrete samples are relative to the elevation of the eastern parking lot (183 feet MSL).

20 10 0 20
Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 1, 2002, American Company Avenue, Yorba Linda, CA 92688; figure dated October 11, 1984; Los Angeles County Assessor's Office Parcel Map 61010 Sheet 8 dated November 5, 1958; surveys conducted October 12, 2011 and September 10, 2013; and surveys conducted October 12, 2011 and September 10, 2013 by Dunn & Beaman.

ABOVEGROUND CONCRETE SLAB SAMPLE LOCATIONS AND REMOVAL AREAS PHASE I AREA		
Former Pechiney Cast Plate, Inc. Facility 3200 Fruitland Avenue Vernon, California		
By: pah Date: 06/05/14 Project No. 10627.003		
amec	Plate	4

Note: Figure shall be produced in color to maintain information.



Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 5, 2002, Los Angeles County Assessor's Office Parcel Map #10100 Sheet 8 dated November 5, 1958; surveys conducted October 10, 2011 and September 10, 2013; and surveys conducted October 12, 2011 and September 10, 2013 by Dunn & Boylston.

BELOW GROUND CONCRETE SAMPLE LOCATIONS AND STRUCTURES PHASE I AREA		
Former Pechiney Cast Plate, Inc. Facility 3200 Fruitland Avenue Vernon, California		
By: pah	Date: 06/04/14	Project No. 10627.003
amec	Plate	5

Note: Figure shall be produced in color to maintain information.



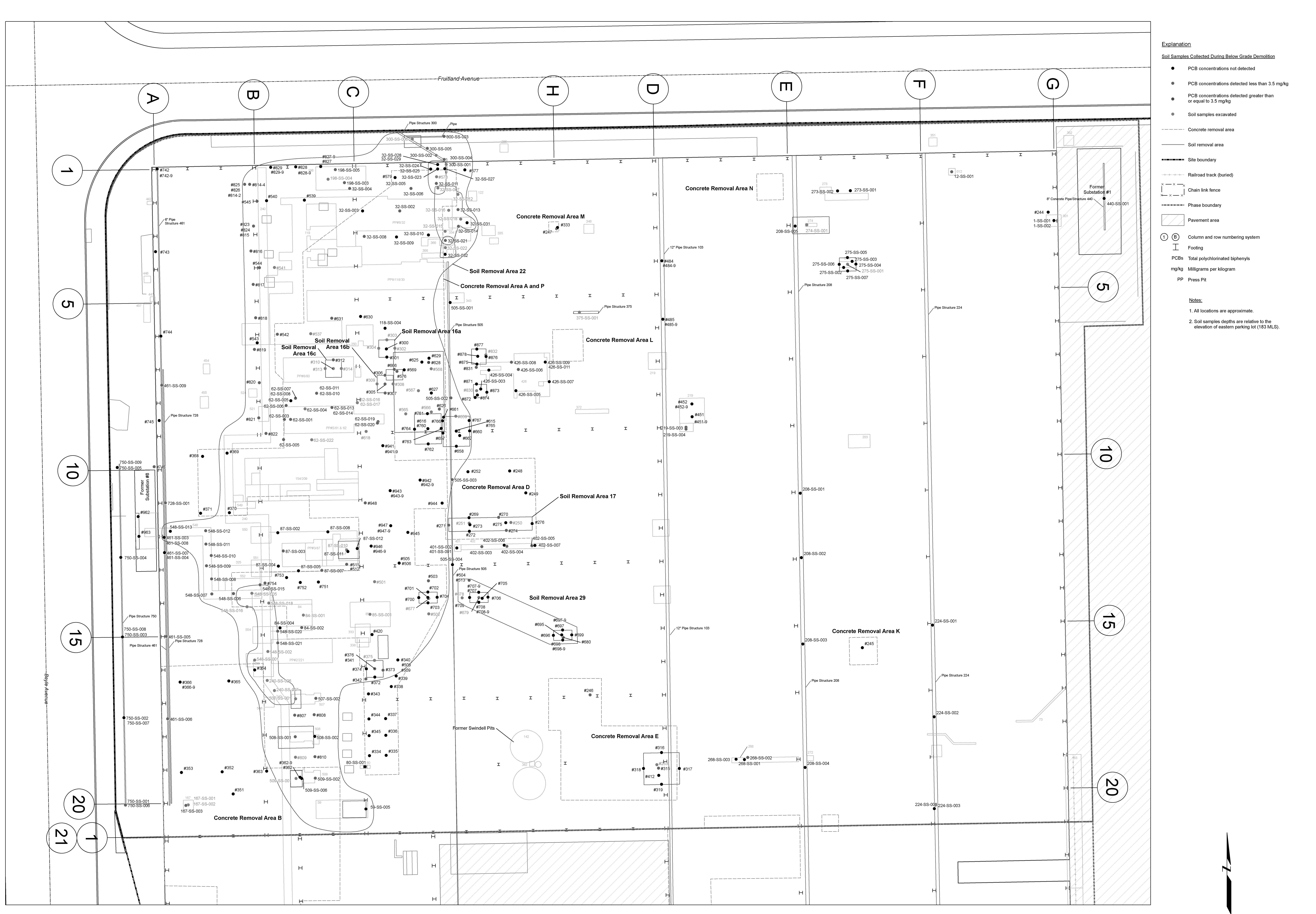
Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Aluminum Company of America "Works General-MPA" figure dated October 10, 1984; Los Angeles County Assessor's Office Parcel Map 6310/Sheet 8 dated November 5, 1958; surveys conducted May 31, 2006 and June 6, 2006 by CalVada Surveyors; and surveys conducted October 12, 2011 and September 10, 2013 by Dulin & Boynton.

SOIL SAMPLE LOCATIONS PHASE I AREA

Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue

By: p

amec 6



Explanation

Soil Samples Collected During Below Grade Demolition

- PCB concentrations not detected
- PCB concentrations detected less than 3.5 mg/kg
- PCB concentrations detected greater than or equal to 3.5 mg/kg
- Soil samples excavated

— Concrete removal area

— Soil removal area

— Site boundary

— Railroad track (buried)

— Chain link fence

— Phase boundary

— Pavement area

(1) (B) Column and row numbering system

— Footing

PCBs Total polychlorinated biphenyls

mg/kg Milligrams per kilogram

PP Press Pit

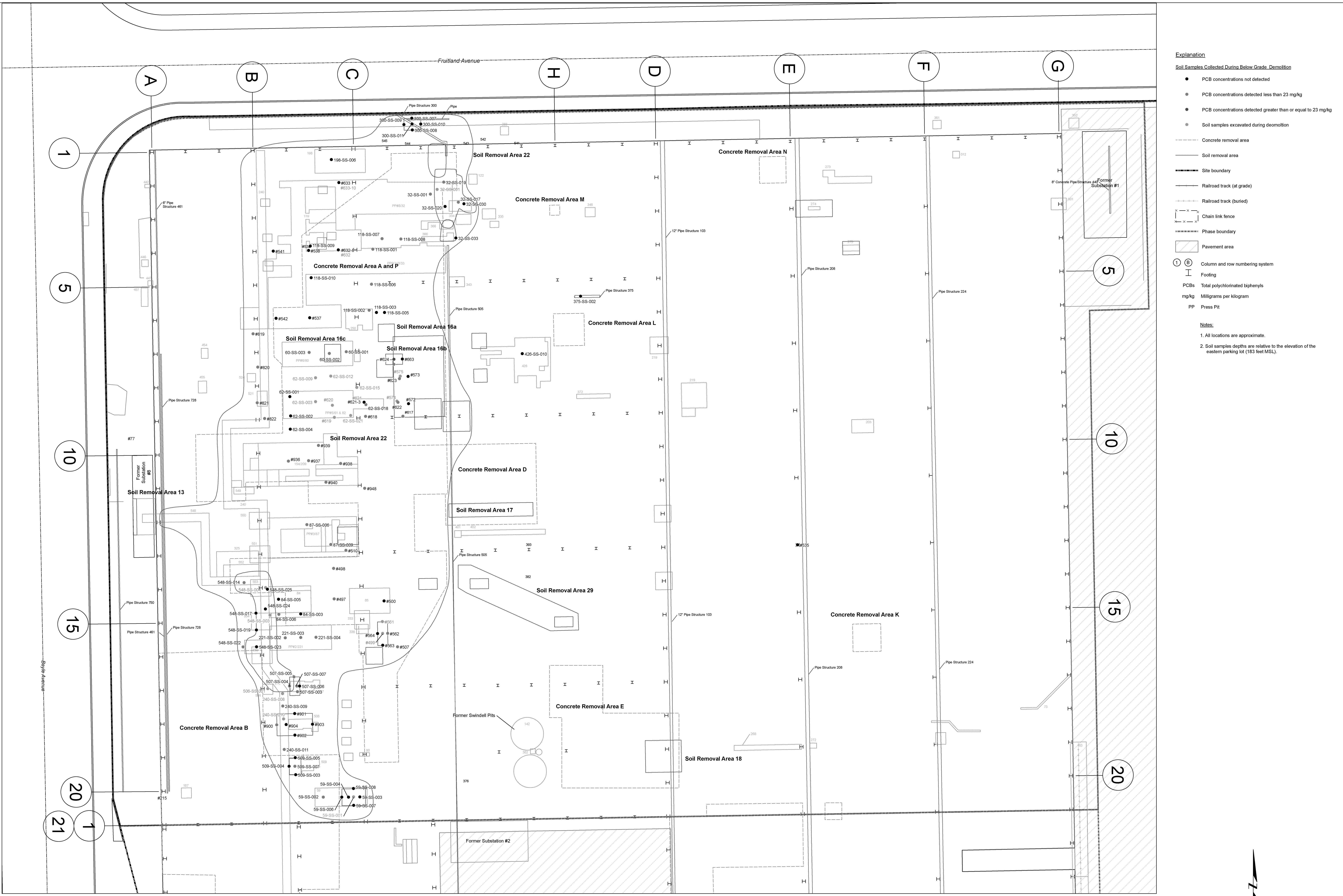
Notes:

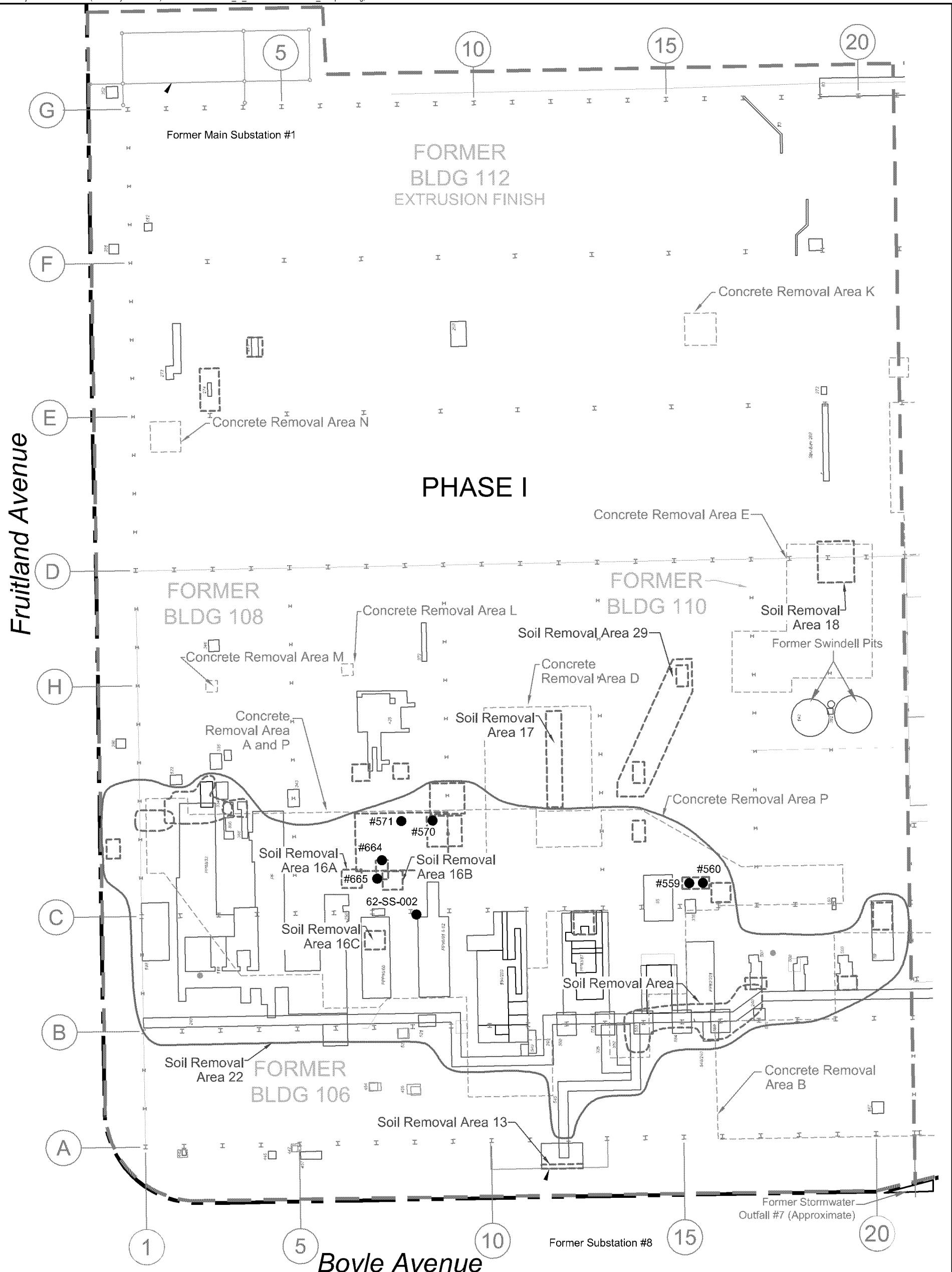
1. All locations are approximate.
2. Soil samples depths are relative to the elevation of eastern parking lot (183 MLS).

Based and modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2012, and former City of Vernon, Vicksburg, EPA Office Parcel Map 61010 Sheet 8 dated November 5, 1958, surveys conducted October 12, 2011, and September 10, 2013, by Dunn & Boylston.

SOIL REMOVAL AREAS AND SAMPLE LOCATIONS FOR 0 TO 5 FEET PHASE I AREA Former Pechiney Cast Plate, Inc. Facility 3200 Fruitland Avenue Vernon, California		
By: pah Date: 06/04/14 Project No. 10627.003	amec	Plate 7

Note: Figure shall be produced in color to maintain information.





Notes:

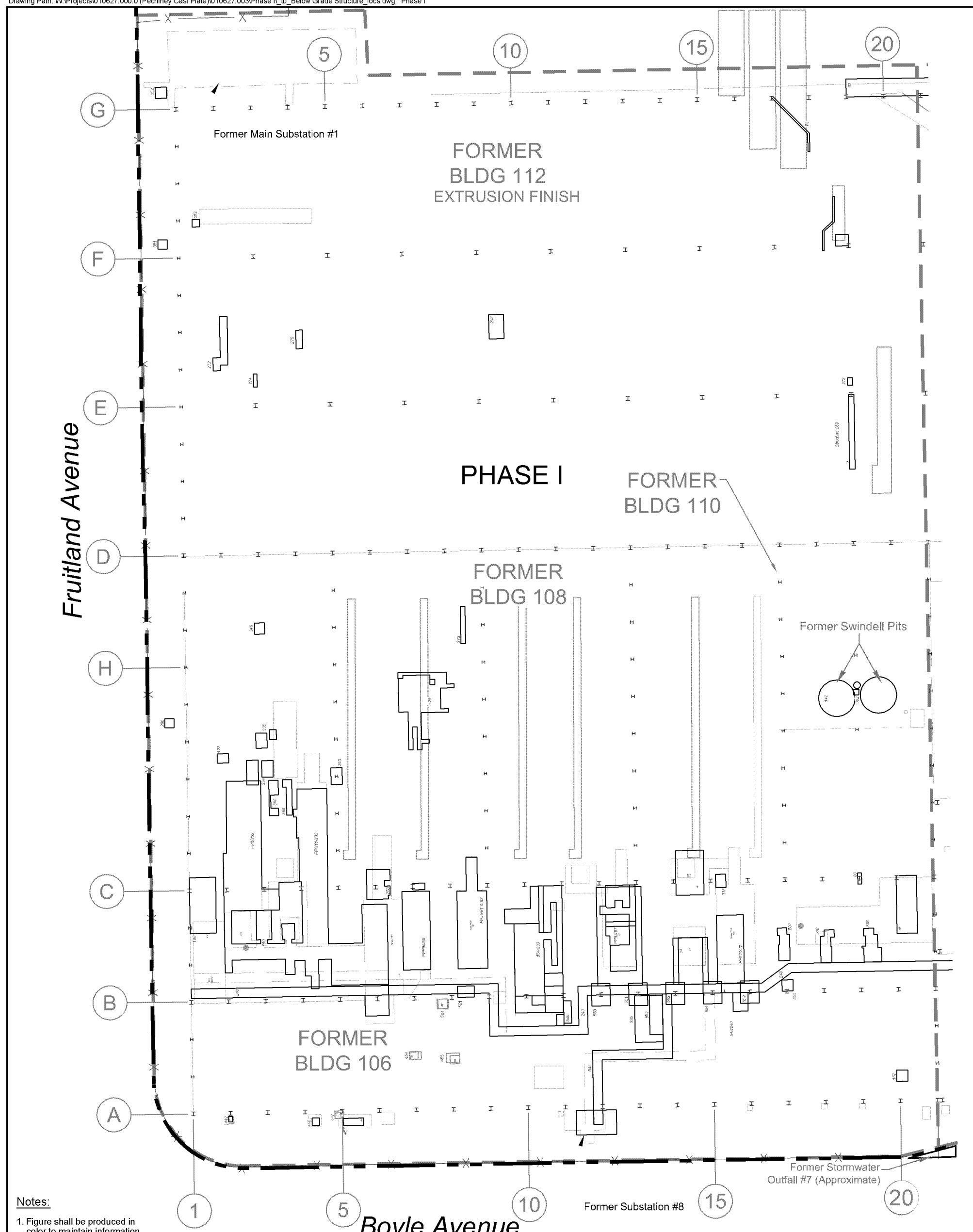
1. Soil samples for the interval below 15 feet are relative to the elevation of the eastern parking lot (183 feet MSL).
2. Figure shall be produced in color to maintain information.
3. All locations are approximate.

Explanation

	Below grade structure
	Site boundary
	Phasing area boundary
	Chain link fence
	Building wall and footings
	Column and row numbering system for footings
	Soil removal area
	Concrete removal area
	#559 ● Soil sample location
	● PCB concentration not detected

0 25 50
Approximate scale in feet

SOIL REMOVAL AREAS AND SAMPLE LOCATIONS BELOW 15 FEET PHASE I AREA
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California
 By: jrw Date: 06/06/14 Project No. 10627.003
 Figure



Explanation

- [Solid Box] Below grade structure
- [Hatched Box] Historical below grade structure
- [Solid Line] Site boundary
- [Dashed Line] Phasing area boundary
- [X] Chain link fence
- [I] Building wall and footings
- BLDG** Building designation
- (20) (A) Column and row numbering system for footings

0 25 50
Approximate scale in feet

BELOW GRADE STRUCTURE LOCATIONS - PRE-DEMOLITION AND ACTUAL PHASE I AREA
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

By: jw Date: 06/06/14 Project No. 10627.003



Figure 1

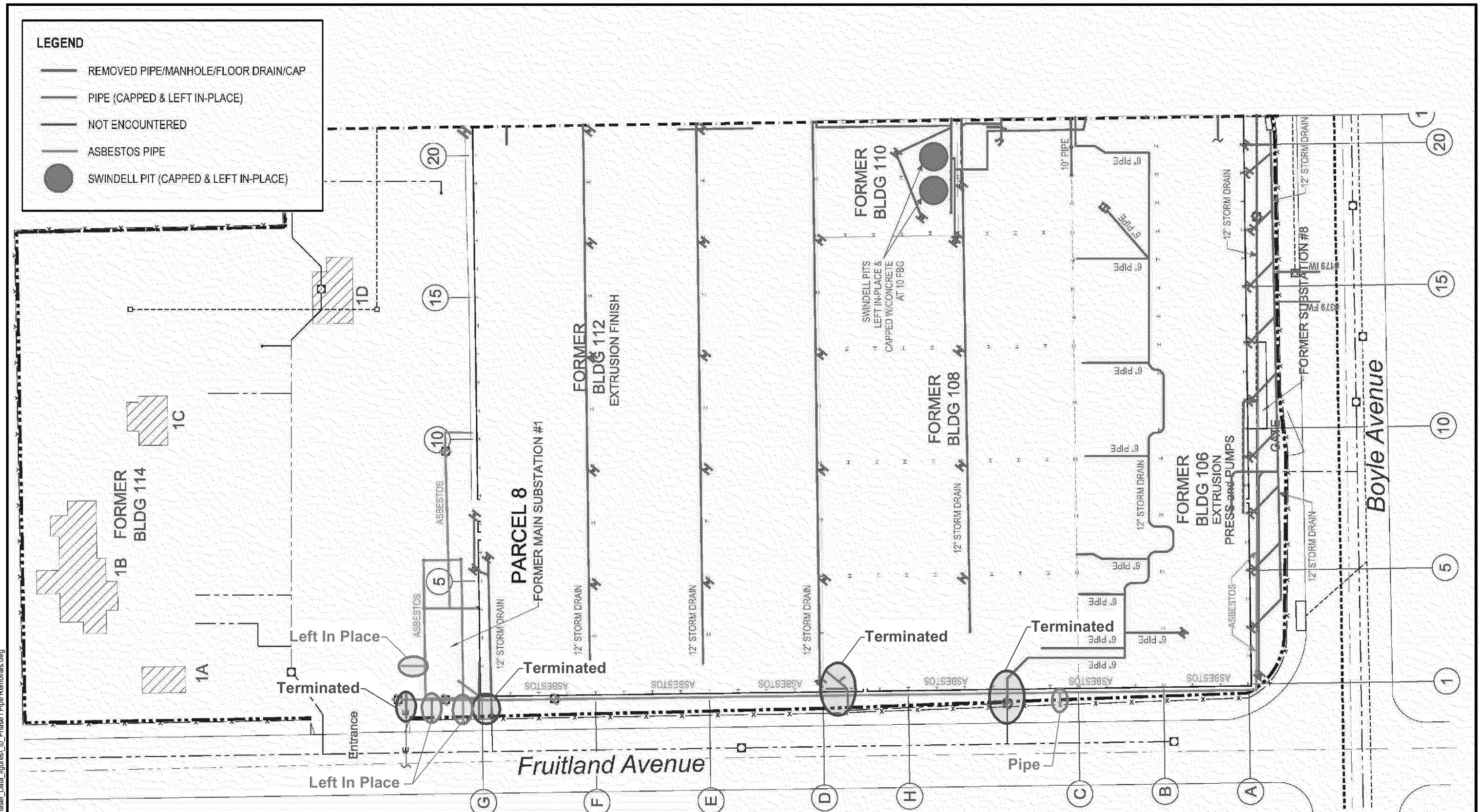


Figure 11

**PHASE I - PIPE REMOVALS
BELOW GRADE DEMOLITION & SOIL EXCAVATION
PECHINER CAST PLATE, INC., FACILITY
3200 FRUITLAND AVENUE, VERNON, CALIFORNIA**

DRAWN BY: CY
APPROVED BY: CR
DATE: 05/19/14

American Integrated Services, Inc.
P.O. BOX 92316, LONG BEACH, CA 90809-2316 (310) 522-1168 FAX (310) 522-0474

APPENDIX A

**Laboratory Reports and Chain-of-Custody Documentation –
Soil, Concrete and Other Media**

APPENDIX B

Laboratory Reports and Chain-of-Custody Documentation – Import Fill

APPENDIX C

ACM Summary Report

APPENDIX D

Laboratory Reports and Chain-of-Custody Documentation – ACM and Lead

APPENDIX E

AIS Wipe Sample Results and Locations

APPENDIX F

NORM Report